

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

\*6-19-75 - Location Abandoned -

DATE FILED 7-5-73

LAND: FEE &amp; PATENTED STATE LEASE NO.

PUBLIC LEASE NO. 4-9406

INDIAN

DRILLING APPROVED: 7-6-73

**SPUDDED IN:**

**COMPLETED:** \_\_\_\_\_ **PUT TO PRODUCING:** \_\_\_\_\_

**INITIAL PRODUCTION:**

**GRAVITY A.P.I.**

**GOR:**

**PRODUCING ZONES:**

TOTAL DEPTH:

**WELL ELEVATION:**

**DATE ABANDONED:**

FIELD: Wildcat 3/86

UNIT:

COUNTY: Garfield

WELL NO.

GOVERNMENT NO. 1

APT. NO: 43-017-30060

## LOCATION

2515

FT. FROM (N) ~~(S)~~ LINE, 158'

FT. FROM <sup>XX</sup>(E) (W) LINE. SW SW NW  $\frac{1}{4}$  -  $\frac{1}{4}$  SEC. 19

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				36 S	2 E	19	TRANS DELTA OIL & GAS

FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief *P.B.*  
Approval Letter *P.B.*  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....

Location Inspected .....

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land .....

LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

PHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

Location Abandoned - 6-19-75

# TRANS DELTA OIL & GAS CO., INC.

1330 LEYDEN ST. SUITE 131  
DENVER, COLORADO 80220  
TELEPHONE (303) 321-0727

COPY

July 3, 1973

United States Department of Interior  
Geological Survey  
8416 Federal Bldg  
Salt Lake City Utah 84111

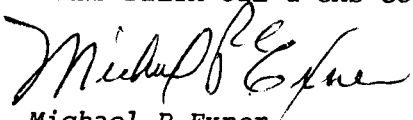
Gentlemen:

We are submitting Application For Permit to Drill (form 9-331C)  
and survey plat for a well to be drilled in Section 19, Township  
36 South, Range 9 East, Garfield County Utah.

The designated development plan for surface use - 12 point program -  
will follow after an on the site inspection.

Sincerely,

TRANS DELTA OIL & GAS CO INC



Michael P Exner  
Assistant Secretary Treasurer

MPELP

Enclosures

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

U-9406

5. Lease Designation and Serial No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐

Other

Single Zone ☐Multiple Zone ☐

2. Name of Operator

Trans Delta Oil &amp; Gas Co Inc

3. Address of Operator

1330 Leyden St, Suite 131, Denver Colorado 80220

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface 2515' South of North Line, Sec 19

158' East of West Line, Sec 19

At proposed prod. zone

Mississippian Test

14. Distance in miles and direction from nearest town or post office\*

40 miles East of Escalante Utah

15. Distance from proposed\*

location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

158'

16. No. of acres in lease

?

17. No. of acres assigned to this well

160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

4800'

20. Rotary or cable tools

rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GR 6155'

22. Approx. date work will start\*

Aug 15, 1973

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10"	8-5/8"	24	450'	180 sxs

Propose to drill to 4800' to test the Mississippian formation. Test all shows, run logs. In the event casing is required, will use 5" casing. Should the well be dry hole, plug same in accordance with the rules and regulations governing this activity. Erect dry hole marker and restore surface to original status. Survey plat attached.

need BOP  
and reason for unorthodox + over GCS radius average

C-3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title

Agent

Date

7-3-73

(This space for Federal or State office use)

Permit No.

43-017-30060

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Trans Delta Oil &amp; Gas Co Inc

## 3. ADDRESS OF OPERATOR

1330 Leyden St, Suite 131, Denver Colorado 80220

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2515' South of North Line, Sec 19  
158' East of West Line, Sec 19

At proposed prod. zone

Mississippian Test

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

40 miles East of Escalante Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

158'

## 16. NO. OF ACRES IN LEASE

?

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

4800'

## 20. ROTARY OR CABLE TOOLS

rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 6155'

## 22. APPROX. DATE WORK WILL START\*

Aug 15, 1973

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8"	24	450'	180 sxs

Propose to drill to 4800' to test the Mississippian formation. Test all shows, run logs. In the event casing is required, will use 5" casing. Should the well be a dry hole, plug same in accordance with the rules and regulations governing this activity. Erect dry hole marker and restore surface to original status. Survey plat attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*McEwen*

TITLE

Agent

DATE

7-3-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*Donald R. Davis*

TITLE

DISTRICT ENGINEER

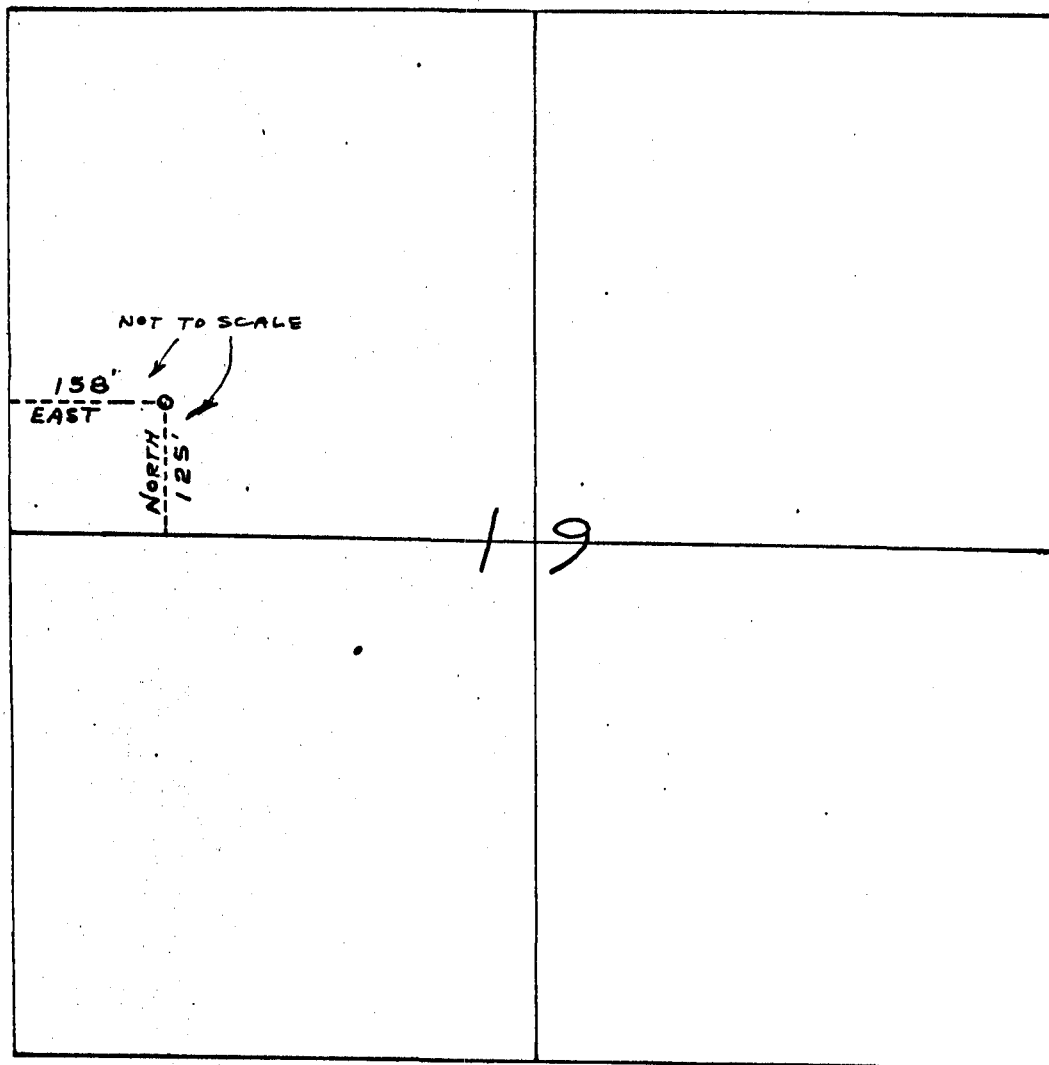
DATE

OCT 5 1973

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL FORWARDED TO CASPER SUBJECT TO ATTACHED CONDITIONS

\*See Instructions On Reverse Side



SCALE 1"=1000'

### SURVEYOR'S CERTIFICATE

I, *Robert J. Ellis*, do hereby certify that I am a Registered Land Surveyor, and that I hold Certificate No. 2597, as prescribed by the Laws of the State of Utah, and I have made a survey of the following described ~~property~~:

WELL LOCATION IN ACCORDANCE WITH A REQUEST FROM MR. GUNZ FOR TRANS-DELTA OIL AND GAS COMPANY. NAME OF WELL #1 GOUT-TRANS-DELTA.

LEGAL DESCRIPTION: 125 FEET NORTH AND 158 FEET EAST FROM THE WEST QUARTER CORNER OF SECTION 19, TOWNSHIP 36 SOUTH, RANGE 9 EAST SALT LAKE BASE AND MERIDIAN, GARFIELD COUNTY UTAH.

ELEVATION 6,155 FEET

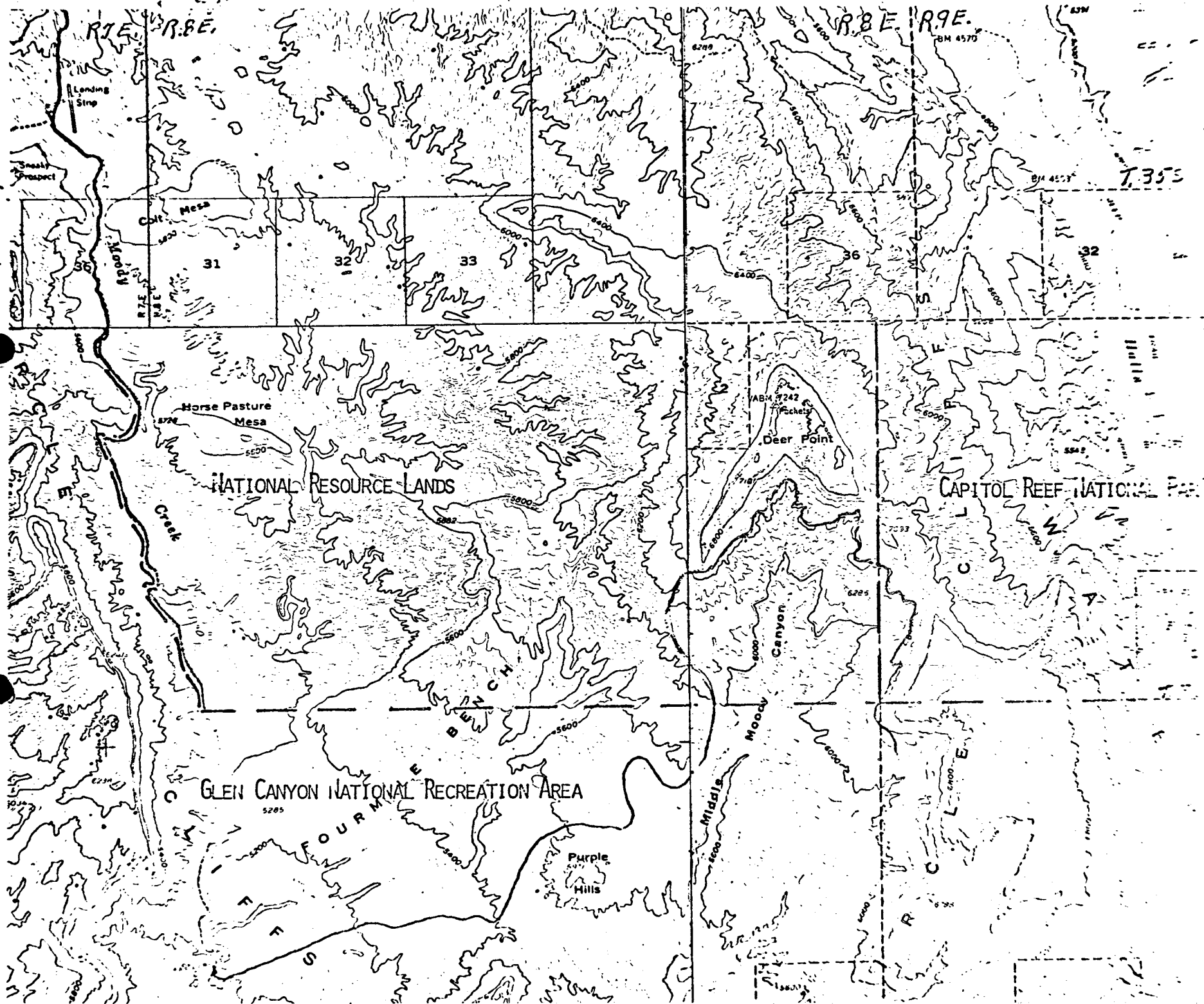
I further certify that the above plat correctly shows the true dimensions of the property surveyed and of the improvements located thereon and their position on the said property; and further that none of the improvements on the above described premises encroach upon adjoining properties, and that no improvements, fences, or eaves of adjoining properties encroach upon the above described property and that there are no violations of the building restriction or zoning ordinances, except as shown and designated on the plat.

OWNER U.S. GOVERNMENT

ADDRESS .....

Date APRIL 26, 1973

*Robert J. Ellis*  
Robert J. Ellis

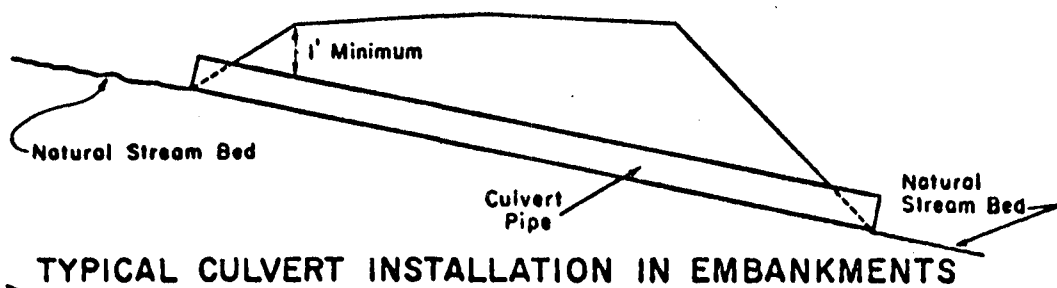


## Conditions of Approval

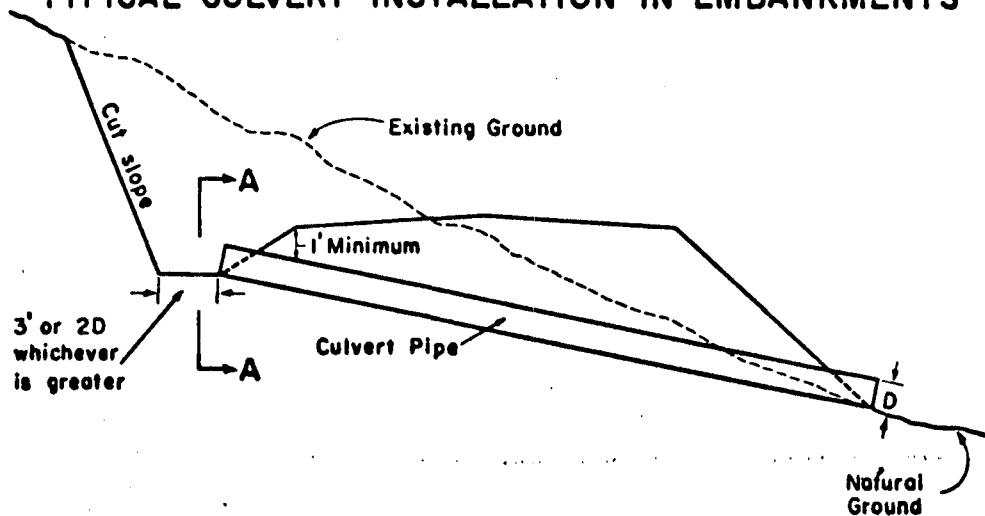
All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the lease terms and the operating regulations, 30 CFR 221. The following items are emphasized:

1. There shall be no material deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed in regard to equipment and personnel. The use and frequent testing of blowout prevention equipment is mandatory. All wells, whether drilling, producing, suspended or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office.
2. All shows of fresh water and minerals will be reported and protected. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be made or moved, no well will be plugged and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office.
4. "Well Completion or Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid and/or gas) will be submitted only when requested by this office.
5. "Sundry Notices and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement.
6. Other: (a) Notify this office within 24 hours of spud date.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. The U. S. Geological Survey district office address is:  
8426 Federal Building  
Salt Lake City, Utah 84138      Phone (801) 524-5650  
Dist. Engr. Gerald R. Daniels      Phone (801) 262-1272  
Asst. Engr. Edgar W. Gwynn      Phone (801) 582-7042

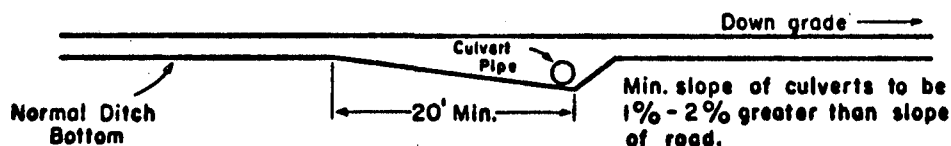




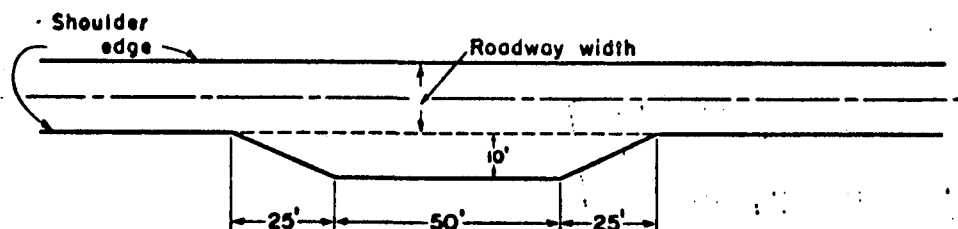
**TYPICAL CULVERT INSTALLATION IN EMBANKMENTS**



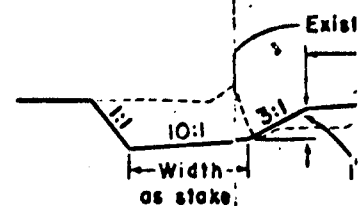
**TYPICAL CULVERT INSTALLATION IN CUTS**



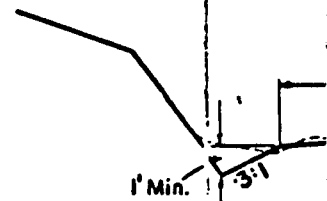
**SECTION A-A**



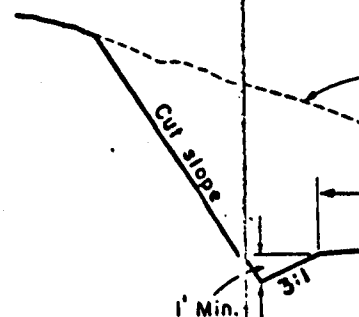
**PLAN - TYPICAL TURNOUT FOR SINGLE LANE ROAD**



**TURNPIKE**



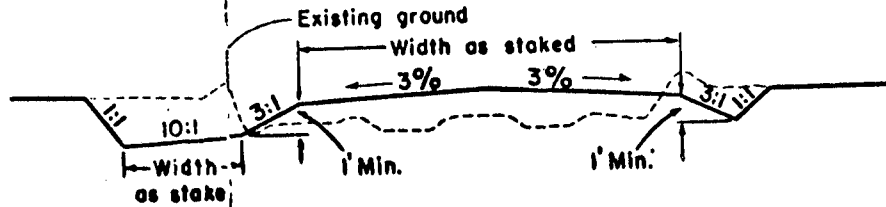
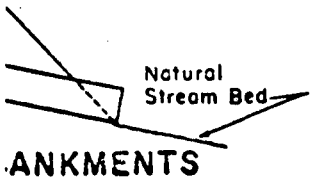
**RESHAPING**



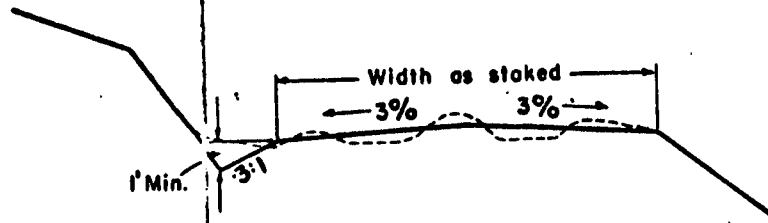
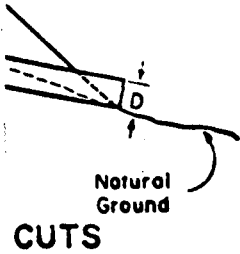
**CUT SLOPES**

3:1 for cuts < 1 1/2:1 for cuts > 1 1/2:1  
Variable slopes for rock cuts.

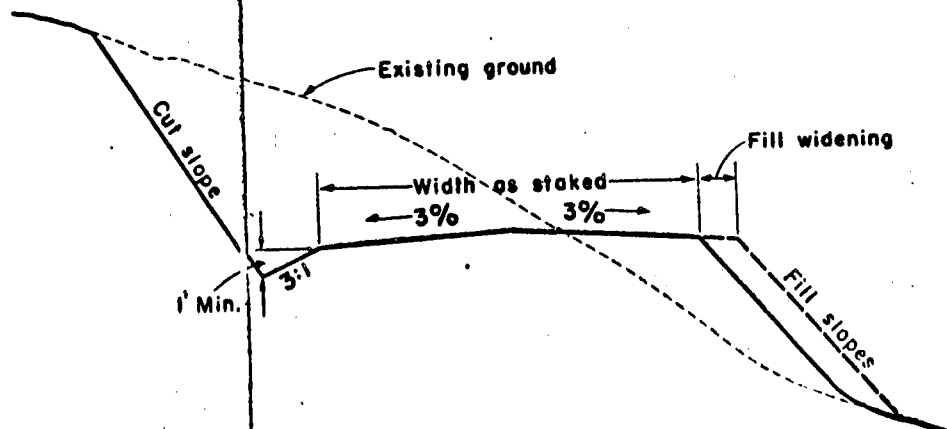
MINOI



## TURNPIKING OF "RUT" ROADS



## RESHAPING OF ROADS & DITCHES



### CUT SLOPES

3:1 for cuts < 4'  
 1 1/2:1 for cuts > 4'  
 Variable slopes for rock cuts.

### FILL SLOPES

3:1 for fills < 5'  
 1 1/2:1 for fills > 5'

### FILL WIDENING

0' for fills 0'-6'  
 1' for fills 6'-12'  
 2' for fills > 12'

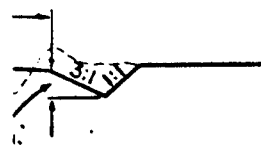
LANE ROAD

## MINOR ROAD REALIGNMENT

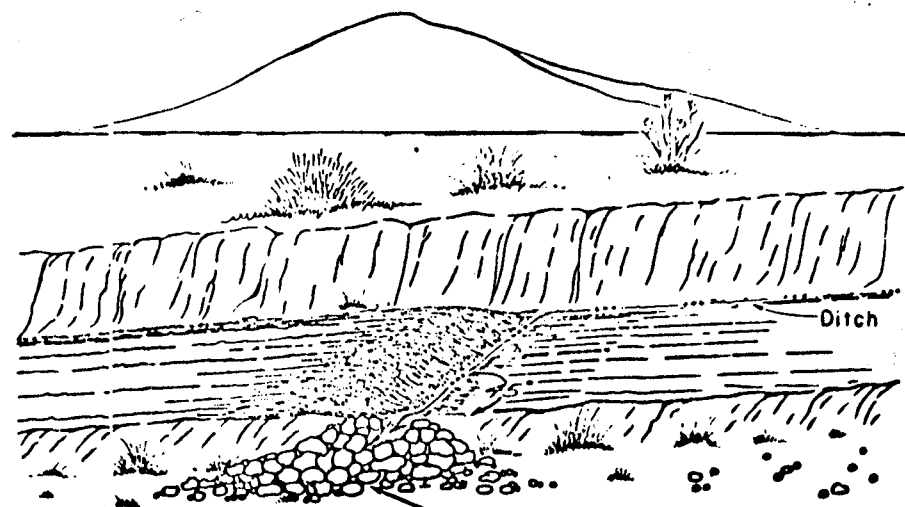


Slope  
road  
great  
road.

1. Th  
of  
rec  
col  
2. Un  
wi  
tyl



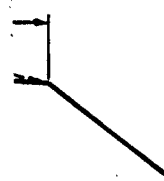
DADS



Slope of ditch across road to be 1%-2% greater than slope of road.

Rip-rap or furrow ditch as staked.

TYPICAL WATER BAR



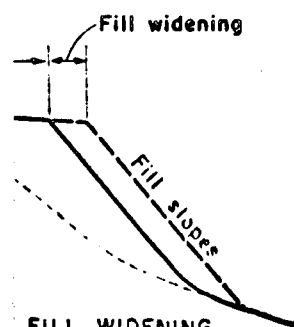
DITCHES



PROFILE OF WATER BAR

NOTES

1. This sheet shows typical minimum geometric requirements for various types of BLM road maintenance work. The scope and type of work specifically required under this contract will be defined in the specifications and the contract bid schedule.
2. Unless otherwise indicated, the Government will stake or otherwise define widths, slopes, lines, grades and the starting and ending points for the types of road maintenance work to be performed.



FILL WIDENING

- 0' for fills 0'-6'
- 1' for fills 6'-12'
- 2' for fills > 12'

MENT

ALWAYS THINK SAFETY

U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
ROAD MAINTENANCE TYPICAL ROAD SECTIONS	
DESIGNED _____	RECOMM. _____
DRAWN <u>E.R.M.</u>	RECOMM. <u>Conrad T. Hunt</u> CHIEF OF E.S.G. SERVICES
CHECKED <u>C.R.</u>	APPROVED <u>Ed. Jackson</u> STATE DIRECTOR
SCALE: NOT TO SCALE	
DATE: 6-18-71	SHEET 1 OF 1
DRAWING NO. 43-941-9113.70-1	

ENVIRONMENTAL IMPACT ANALYSIS  
EXPLORATORY OIL & GAS OPERATIONS

LEASE UTAH 9406  
GARFIELD COUNTY, UTAH

PREPARED BY

U.S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION  
OIL and GAS  
SALT LAKE CITY, UTAH

in cooperation with

NATIONAL PARKS SERVICE  
GLEN CANYON NATIONAL RECREATION AREA  
PAGE, ARIZONA

CAPITOL REEF NATIONAL PARK  
TORREY, UTAH

BUREAU OF LAND MANAGEMENT  
KANAB, UTAH

Prepared September 17, 1973

Revised October 3, 1973

The U.S. Geological Survey, Conservation Division - Oil and Gas, 8426 Federal Building, Salt Lake City, Utah, has received an Application for Permit to Drill an exploratory ("wildcat") well on Oil and Gas Lease Utah 9406, Garfield County, Utah. This proposed location is within the Glen Canyon National Recreation Area. The proposed access road is over federal lands under the jurisdiction of Bureau of Land Management, Kanab, Utah, Capitol Reef National Park, Torrey, Utah, and Glen Canyon National Recreation Area, Page, Arizona.

At a meeting held August 30, 1973, at Park Headquarters, Glen Canyon National Recreation Area, Page (Wahweap), Arizona, between all jurisdictional agencies and the operator, it was decided that a joint analysis or assessment would be made with input from each agency. This input is available to supplement this EIA.

The U.S. Geological Survey, Conservation Division, Salt Lake City, Utah, as lead agency for oil and gas operations, elected to prepare the Environmental Impact Analysis for this submittal.

## ENVIRONMENTAL IMPACT ANALYSIS

### Exploratory Oil and Gas Operation Lease Utah 9406 Garfield County, Utah

#### Proposed Action

Trans Delta Oil and Gas Co., Inc. proposes to drill a 4800 ft. exploratory test of the Mississippian formation on lease Utah 9406. The location has been selected at SW $\frac{1}{4}$ NW $\frac{1}{4}$  Section 19, T. 36 S., R. 9 E., Garfield County, Utah. This site falls 125 ft. north and 158 ft. east of the W/4 corner of Section 19 and about 2500 ft. south of the northern boundary of Glen Canyon National Recreation Area (GCNRA) and southern boundary of Capitol Reef National Park (CRNP) in this area. The north line of Section 19 is common with both park boundaries. The park boundaries, the road alignment, and proposed drill site are shown on the accompanying Hall Mesa and Moody Creek topographic quadrangles (Exhibit A).

Access to the drill site is proposed from Boulder, Utah over 44.5 miles of graded and maintained dirt road to approximately the NW corner of NE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 19, T. 36 S., R. 8 E., where the road crosses into the GCNRA. There is an active mining operation near Colt Mesa in Section 36 and a usable air strip in N/2 Section 25, T. 35 S., R. 7 E.

Thence approximately 1 1/2 miles of low standard graded and maintained dirt road to the NW corner of SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 30, T. 36 S., R. 8 E., at which point the road follows a dugway out of Moody Creek Canyon, SW of Four-Mile Bench, and joins an existing jeep or 4-wheel drive road.

Thence approximately 6 miles of existing jeep or 4-wheel drive road over bed rock of the Wingate formation, on the south rim of Four-Mile Bench and north of the Purple Hills to approximately the NW corner of the NE $\frac{1}{4}$  of Section 23, T. 36 S., R. 8 E., at which point it exits from the GCNRA. Beyond this point, in Section 14, T. 36 S., R. 8 E., the existing road begins to fade out with only erratic evidence of the road.

Thence about 3 3/4 miles following faint evidence of the existing jeep trail around the rim of Middle Moody Canyon on the 6400 ft. contour level to Deer Point and back to about the SW corner of projected Section 12, T. 36 S., R. 8 E., or 200 ft. north of NW corner of Section 18, T. 36 S., R. 9 E., into Section 7 where the jeep trail enters CRNP. This portion of the proposed access road is also blocked or obscured by talus and rock slides.

Thence about 1/4 mile around the SW corner of Section 7 and NW corner of Section 18 where the jeep trail exits from CRNP. This portion of the proposed access road is visible.

Thence about 1/2 mile across SE $\frac{1}{4}$  of Section 13 to a point about 1800 ft. west of NE corner of Section 24, T. 36 S., R. 8 E., where the jeep trail enters GCNRA.

Thence approximately 1/2 mile southeast across NE $\frac{1}{4}$  Section 24, T. 36 S., R. 8 E., where evidence of the trail terminates or fades out.

Thence 1/2 mile of proposed new construction of access road from about 1/2 mile west from the E/4 corner of Section 24, around the point near NW corner of Section 19, T. 36 S., R. 9 E., into the canyon floor of the East Fork of Middle Moody Canyon to the drill site in SW $\frac{1}{4}$ NW $\frac{1}{4}$  Section 19, T. 36 S., R. 9 E.

The drill site falls in a box canyon with a northerly backdrop of cliffs. By topographic necessity it is located on a mound of sandy shale on the canyon floor. An area 90 ft. X 150 ft. would be cleared and leveled on top of the mound to accommodate the drilling operations. This area would also accommodate a reserve pit 20 ft. X 50 ft. to contain wastes from the drill hole.

The operator proposes to drill a 4800 ft. Mississippian test at this site utilizing rotary tools. Surface casing is proposed to 450 ft. A 10" hole would be drilled to accommodate the 8 5/8" surface casing. This casing string would be cemented to the surface.

The remainder of the hole, to 4800 ft., would be drilled with air and/or air-mist. This will afford immediate tests of zones and substances encountered as drilling progresses.

There are no water wells in the vicinity of the proposed test. Usable water could be encountered in sands penetrated by the test.

#### Description of Environment (Location and Natural Setting)

The proposed location for the drill site is 35 miles east and 8 miles south of Escalante, Utah, and falls west of the Waterpocket Fold in the southern part of the Circle Cliffs area. In general, the area is heavily eroded by runoff from rainfall which drains to the Escalante River 10 miles to the west. The erosion resistant Wingate Formation at the higher elevations has resulted in a general topography of cliffs and benches, with canyons cut into the Chinle Formation. The Wingate Formation is a non-marine cross-bedded sandstone, noted for cliff forming, and the Chinle Formation consists of mixed non-marine sediments. Underlying the Chinle Formation is the Shinarump Formation consisting of fluvial sandstones and conglomerates. This formation occurs chiefly in channels and lenses. (From Utah Geologic map)

Aesthetics are one of the more important resource values. The quality of scenery should be classed as moderate to excellent. The skyline is open and free of man's influence. Different geologic structures create striking color contrasts. One has an awe-inspiring feeling due to the vastness of the terrain, the height of canyon walls, massive rock formations and dissected topography. These contribute toward a feeling of being isolated from other people, from noise and cares of the world. Man experiences a sense of appreciation for the beauty of the land.

The plant community consists of desert shrubs and grass. Blackbrush, 4-wing saltbush and shadscale are common shrubs. Galletta, sand dropseed and Indian ricegrass are common grass species found in the area. Some localities support an over story of pinion pine and juniper trees.

There are many species of birds, small mammals, reptiles and a few species of amphibians, in the general area. None of the above are known to be rare or endangered.

The proposed drill site is located in a box canyon at the head of a drainage forming the east fork of Middle Moody Canyon. Middle Moody Canyon provides drainage to the Escalante River 10 miles to the west. The drill site is on a mound of sandy, shaly and silty soil on the floor and at the head of the canyon. This mound appears to be Chinle Formation that has slumped into the canyon due to erosional undercutting. This mound or hill has also been eroded by wind and rainfall and is sparsely vegetated with blackbrush.

There are no known archeological sites, historic or scientific sites, or rare or endangered species in the area where roads now exist, are proposed for construction or reconstruction or on the area of the proposed drill site.

There are many drainages that potentially carry large volumes of water and sediment loads. Special care is necessary to protect these drainages from foreign materials that could conceivably contribute to downstream pollution in the Escalante River and Lake Powell.

There are no permanent streams, ponds or lakes in the area where roads now exist, are proposed for construction or reconstruction or on the area of the proposed drill site. The drill site is 10 1/2 miles north of the nearest projected high water line of Lake Powell. Drainage to the Escalante River from the drill site must course 10 miles.

The area has temperature extremes from 90-110°F during July and August to 15-10°F during December and January.

Annual rainfall is on the order of 5 to 8 inches. Capitol Reef National Park reports 7.24 inches annual precipitation. Hanksville reports 5.20 inches. Cumulative rainfall during the proposed 1 1/2 months of operations - includes 3 weeks for road construction and 3 weeks for the drilling operations - is estimated less than 2 inches. The completed road and the drilling operations could be exposed to less than 1 inch cumulative rainfall during the period of activity requiring road traffic.

#### Effects on Environment by Proposed Action

Construction and reconstruction of the access road offers the greatest long term environmental impact. For the most part this road exists and has existed, apparently, for many years. Estimates are that it would require 50 years for that portion of the road not graded and maintained to be absorbed or obliterated naturally. Some visible wagon trails in the area are estimated to be 100 years old.



The graded and maintained road to approximately 1300 ft. west from the southeast corner of Section 19, T. 36 S., R. 8 E., would support the necessary traffic for the drilling operations. The low-standard graded and maintained road, extending the road through Section 30 and to the dugway in Moody Creek Canyon at or near the north line of Section 31, would require some reconstruction to support the move-in and move-out of the truck mounted drilling rig. This heavy equipment could cause deep rutting and allow water infiltration into the road bed.

The existing dugway out of Moody Creek Canyon, along the north line of Section 31, T. 36 S., R. 8 E., would require reconstruction to accommodate the drill rig. This reconstruction would repair the present erosional damage and may require cutting and extending the dugway to obtain the necessary fill and repair soils.

That portion of the existing 4-wheel drive road from the dugway west of Four-Mile Bench to the GCNRA boundary at NE $\frac{1}{4}$  of Section 24, T. 36 S., R. 9 E., is across bedrock or the basal sandstones of the Wingate Formation. The Wingate is an erosional resistant sandstone but is brittle.

The rig move-in and move-out and the water truck traffic could create some chipping or fracturing of this exposed rock. This would increase the scar of the existing road across Four-Mile Bench and set back the natural obliteration of this portion of the road. There is insufficient top soil over this portion to support vegetation. The existing road around the rim of Middle Moody Canyon will also be over bedrock. Some reconstruction, i.e. clearing rock slides, drainage crossings, increase in road width to accommodate the drill rig and support vehicles and equipment would be required here.

The proposed new construction for access to the location off the rim of Middle Moody Canyon, Section 24, T. 36 S., R. 8 E., and Section 19, T. 36 S., R. 9 E., 1/2 to 1/3 mile will require significant surface disturbing operations. This road would be routed over and around the point near the northwest corner of Section 19, T. 36 S., R. 9 E., to the canyon floor. There are several large boulders along the proposed track of which a few may have to be moved to accommodate access by the drill rig. This road construction could create erosional channels on the slope face of the point. This is believed to be Chinle Formation and highly susceptible to erosion. The road on the canyon floor will follow up the drainage pattern to the location site. Some acceleration of erosion processes would be induced here. This erosion effect would be minor, as this area was formed by erosion and erosion processes are continuing. Soil removed by the accelerated erosion could be carried several miles down the canyon. This accelerated erosion would be short term.

A crawler tractor-bull dozer must be moved in and out for the proposed construction and reconstruction of the road. The drill rig will make one trip in and out to the location. This unit has a gross weight of approximately 85,000 lbs. and is supported by tandem wheels in the front and tandem dual wheels in the rear. There are 4-axes. The truck transporting water for the operations will gross at 40,000 lbs. loaded with water.

Tare weight is about 13,500 lbs. This truck will have 3-axles with tandem dual rear wheels. The first 450 ft. of drill hole will be drilled with mud and water. The remainder of the hole will be air or air-mist drilled. A small amount of water may be required for this portion of the hole. It is estimated that not more than 25-30 round trips for water will be necessary. One way of each trip will be with an empty truck. Other traffic would include 2 or 3 trips daily, possibly from the air strip, with 1/2-3/4 ton vehicle for crew changes, minor traffic for casing, cementing and other supplies. The cementing pump truck could make 2-3 trips. This vehicle would have a gross weight on the order of 40,000 lbs.

The operator proposes using the existing airstrip in the N $\frac{1}{2}$  Section 25, T. 35 S., R. 7 E., for materials, supplies and crews, transport to the area. Crew changes may be twice in 24 hours with 12-hour tours or 3 times with 8-hour tours, depending on manpower availability and willingness of individuals to work 12 hours per day.

The proposed drilling operation is expected to take three weeks. While drilling to a depth of about 3800 ft., there would be dusting. An approximate total of 55 cubic yards of formation must be removed to drill the air or air-mist drilled portion of the hole. Only a small percentage of these cuttings would be light enough to be carried by the wind any distance during air drilling. Air-mist drilling would reduce this amount of dusting.

Operational noises from rig engines, rotary table and other rig support units would affect rig and operations personnel only.

Pollution from the loss of drilling fluids to the natural drainage would be negligible unless a complete loss of well control occurred. The drilling fluid for the surface hole is proposed as native muds (water and bentonite) without toxic materials. The circulation system for drilling includes steel pits for containment of drilling fluids. Loss of muds from the reserve pit could cause local pollution of minor affect. Pollution from oil spills or loss of well control could occur. Statistically the probability of loss of well control is less than 1/10 of 1%. The chances of encountering any hydrocarbon is 1 in 10 and of an amount to create a pollution problem 1 in 40. Air pollution from natural gas due to loss of well control is also a possibility for the local area. The same statistical probability would apply. In either event, well control would be regained.

There are small amounts of wildlife in the area. There would be minimum disturbance of wildlife for the 6-week period. There are no human residences or inhabitants in the area. There is a mining operation near Colt Mesa utilizing the existing graded and maintained road.

Reconstruction of and traffic over the access road could open up the area to the public. The area is remote, rugged and desolate.

There are no residences on the portion of the access road within either the National Park or the National Recreation Area or the section of road on public lands connecting the two. There are no population centers closer than 25 miles to the part of the access road defined above. None are planned. The road is located in a relatively unspoiled area similar to other portions of the Upper Escalante drainage, of which it is a part. The area is, and has been, used for grazing, oil, gas and mineral exploration and is available for recreation pursuits such as rock hounding, hiking, hunting, camping, etc. This project is located on the periphery of a larger area, centered on the Escalante River, which is currently under study for possible Congressional designation as wilderness. The proposed action could lead to a modification of what might otherwise be proposed as wilderness in terms of area included in wilderness or timing of designation as wilderness. Depending on the nature of the recommendations of the wilderness plan, the access road will either improve public access and aid in distribution of public use impacts within the wilderness, thus aiding in management of it, or contribute to a wilderness management problem by making access too easy in this otherwise remote area.

#### Alternatives to the Proposed Action

Oil and gas lease Utah 9406 was issued under the Mineral Leasing Act of February 25, 1920 (41 Statute 437, 30 U.S.C. section 181), as amended, and grants the lessee "the exclusive right and privilege to drill, extract and remove and dispose of the oil and gas deposits, except helium gas, in the leased lands, together with this right to construct and maintain thereupon, all works, buildings, plants, waterways, roads, telegraph or telephone lines, pipelines, reservoirs, pumping stations or other structures for the full enjoyment thereof . . ." for a certain period, in this case to September 30, 1979, or "as long thereafter as oil or gas is produced in paying quantities . . . ." Operations are governed by Rules and Regulations 30 CFR 220.

The alternative of not to drill the well would deny the operator his rights under the lease. Moving the location to another site on the lease would have no apparent effect in reducing or minimizing environmental impact. The drill site is proposed on the canyon floor and erosional and visual impact would be minimized. The access road to the drill site is, for the most part, over an existing road or trail and any other access road would require a greater amount of surface disturbing operations and cause greater environmental impact. All support traffic would be confined to this road.

The use of a helicopter rig to avoid road construction and road use would not be economically feasible. There is no known equipment of this type in this area.

Traffic of heavy equipment and trucks over the highways and roads in the area during rig move-in and move-out, water hauling and, possibly, oil well casing for the well could cause traffic interference, inconvenience, and/or induced traffic hazards to the motoring public.

## Mitigating Factors

The proposed access road traverses other oil and gas leases in the area and could be utilized as access for operations proposed on these other leases. This would minimize the amount of road building and/or surface disturbing operations for access for any future oil and gas operations in this area.

The proposed access road construction and reconstruction would be in accord with NPS and BLM Specifications. The design standards, maintenance quality and use of the access road will be controlled through special use permits from the jurisdictional agency, and continuing supervision of the drillers' activity will be accomplished by them. (See Exhibits B-B3)

All vehicular traffic would be confined to using the existing road. The crawler tractor or "bull dozer" for road construction and reconstruction would be trucked to the portions of the existing road that are impassable.

Usable water could be encountered in some of the zones penetrated by the drill test. In the event water is encountered in usable amounts and the well is not a commercial oil and gas well - a "dry hole" -, the well could revert, through prescribed procedures, to the National Parks Service, GCNRA, as a water well. This could enhance the area for recreational and other uses.

Air and/or air-mist drilling operations afford instant monitoring of formations and substances encountered. Water zones encountered would be protected by either casing and cement or cement.

Well control equipment would be installed and pressure tested, and functionally tested daily, or more frequently, to insure well control.

Air-mist drilling would minimize or eliminate any potential pollution from dusting while drilling.

Proper drainage channels about the rig to the reserve pit would channel all fluids lost from operations (connections, swab testing, engine oil leaks, etc.) to the reserve pit. These fluids would be contained and properly disposed of.

The drill site is on a mound in the floor of the canyon. This mound is a natural diverter of rainfall runoff down the canyon.

All trash, garbage and other refuse caused by the operations would be placed in containers and removed from the site to an approved disposal site on completion of well operations.

An acceptable sanitary disposal unit would be provided for personnel at the drill site. No camp will be built. A trailer house or a small mobil coach would be provided for supervisory personnel and records keeping.

The proposed operations site is about 10 miles from the nearest projected high water line of Lake Powell and about 10 miles from the Escalante River.

Traffic of heavy equipment and trucks over highways in the area would be very light. This traffic would be controlled by the highway use laws of the State of Utah.

The drill site would be restored to as near its natural state as possible on completion of drilling operations. A rehabilitation program would be prescribed by the jurisdictional agencies.

The proposed access road could be restored to as near its present conditions as possible. This would amount to removal of all installed drainage control and other installations facilitating use of the road. A barrier could be placed at the dugway or at any other point to prevent use of that portion of the road on completion of operations if a discovery of oil and gas or a water well were not made.

The lessees of Lease Utah 9406 or any other federal lease, must, by regulation, post bond prior to approval of any operations on an oil and gas lease. The minimum bond for each lessee is ten thousand dollars. This bond(s) would not be released until all rehabilitation requirements have been met. A joint inspection of the drill site and proposed access road would be made by all jurisdictional agencies.

Royalty revenue from oil and gas production on this lease would be distributed 10% to the U.S. Treasury, 52½% to the Reclamation Fund and 37½% to the State of Utah for the roads and schools fund. The royalty rate is 12½%. The lease rental for the first four years of the lease has already been so distributed.

#### Irretrievable and Irreversible Commitment of Resources

The proposed access road follows an existing road scar. The proposed access road may very well change the character of the area, i.e., its wilderness value is lessened simply because the road scar will become a more prominent feature of the landscape.

A discovery of oil and/or gas would add to the national reserves of a natural energy resource. Subsequent production of oil and/or gas would deplete the national reserves of a natural energy resource but would provide energy for public benefit.

Monetary resources committed to construction, reconstruction and rehabilitation of the disturbances and drilling costs with a dry hole would be irretrievable.

### Adverse Environment Impacts that Cannot be Avoided

Re-opening the road scar by reconstruction and traffic would set the natural obliteration processes back. The period natural obliteration processes have been active on the existing road would be lost. This period is estimated 15-20 years. It has been estimated that road scars in this area take 50 to 100 years, or longer, to heal.

Some accelerated erosion processes would be induced from the dugway, and, including the dugway, in Section 30, T. 36 S., R. 8 E., to the location or drill site, and including the drill site, Section 19, T. 36 S., R. 9 E., due to road reconstruction and construction and traffic. This induced erosion would be of a minor impact with no long term affect.

### Relationship of Short-Term Use to Long-Term Productivity

On the areas being considered for the subject proposal, most adverse impacts can be mitigated, and in light of the present energy shortage the long term benefits of oil discovery, would for the most part, offset the adverse environmental impacts.

The "wildcat" operation is proposed for a total of 6 weeks including road construction and reconstruction. If a discovery of oil and/or gas is made, production could continue for an estimated 10-50 years. This productivity and use would depend on the area of the reservoir, sand thickness, porosity and other factors governing recovery of oil and/or gas or oil and/or gas production from an oil and/or gas reservoir.

Without a discovery, the natural obliteration processes of the existing road scar would be lost. Construction and reconstruction would also add to the prominence of the existing road scar. Natural obliteration processes have affected the existing road scar for an estimated 15-20 years. There is no barrier prohibiting use of the road at the present time.

### Coordination and Consultation

A helicopter overflight of the access road and drill site and an "on the ground" inspection of the drill site were made July 10, 1973. This was a joint inspection including Glen Canyon NRA Park Superintendent, BLM, Kanab, Utah, USGS, Salt Lake City, Utah, the operator, a surveyor and dirt contractor.

A meeting between all jurisdictional agencies and the operator was held at Page, Arizona, in the Glen Canyon National Recreation Area Park Superintendent's office, August 30, 1973. It was agreed that one joint Environmental Impact Analysis would be prepared for this proposal.

The areas of public controversy are outside BLM administered lands. The issuance of oil and gas leases and subsequent wildcat drilling, on areas under BLM surface control was discussed at a series of workshop oriented sessions on land use planning held April 11, 13, and 14, 1973. Those in attendance at these meetings were:

### Government Agencies

National Park Service  
Forest Service  
USGS  
Bureau of Reclamation  
Utah Division of Wildlife Resources  
Utah State Land Board  
Utah State Planning Office  
Utah Department of Natural Resources  
Utah Highways Environmental Council

### Mineral Interests

Rocky Mountain Oil and Gas Assn.  
El Paso Natural Gas Company

### Environmental Groups

Uinta Chapter Sierra Club  
Escalante Wilderness Committee  
I.S.S.U.E.

No further public meetings are planned to discuss the proposed Trans-Delta wildcat drilling operations.

This Environmental Impact Analysis was prepared after consultation and input from: National Parks Service, Glen Canyon National Recreation Area, Page, Arizona, and Capitol Reef National Park, Torrey, Utah; Bureau of Land Management, Kanab, Utah; Mineral Evaluation, Geological Report, Salt Lake City, Utah; Utah Geologic Map, Mineral Evaluation, Salt Lake City, Utah; Trans Delta Oil and Gas Company, Inc. Operator's 12-pt plan and supplement and Application for Permit to Drill, U.S. Department of Commerce, NOAA, Climatography of Utah (U.S. No. 81) 1941-70; Regional Solicitors Office, Salt Lake City, Utah - advisory only.

ENVIRONMENTAL IMPACT ANALYSIS

Exploratory Gas and Oil Operation  
Lease Utah 9406  
Garfield County, Utah

Determination

This requested action does not constitute a major Federal Action significantly affecting the environment in the sense of the National Environmental Policy Act of 1969, Section 102(2)(C).

Oct. 4, 1973  
Date

George H. Horn  
U.S. Geological Survey, Conservation Div.

Conservation Manager - Central Region  
Title Office



# EXHIBIT "A"

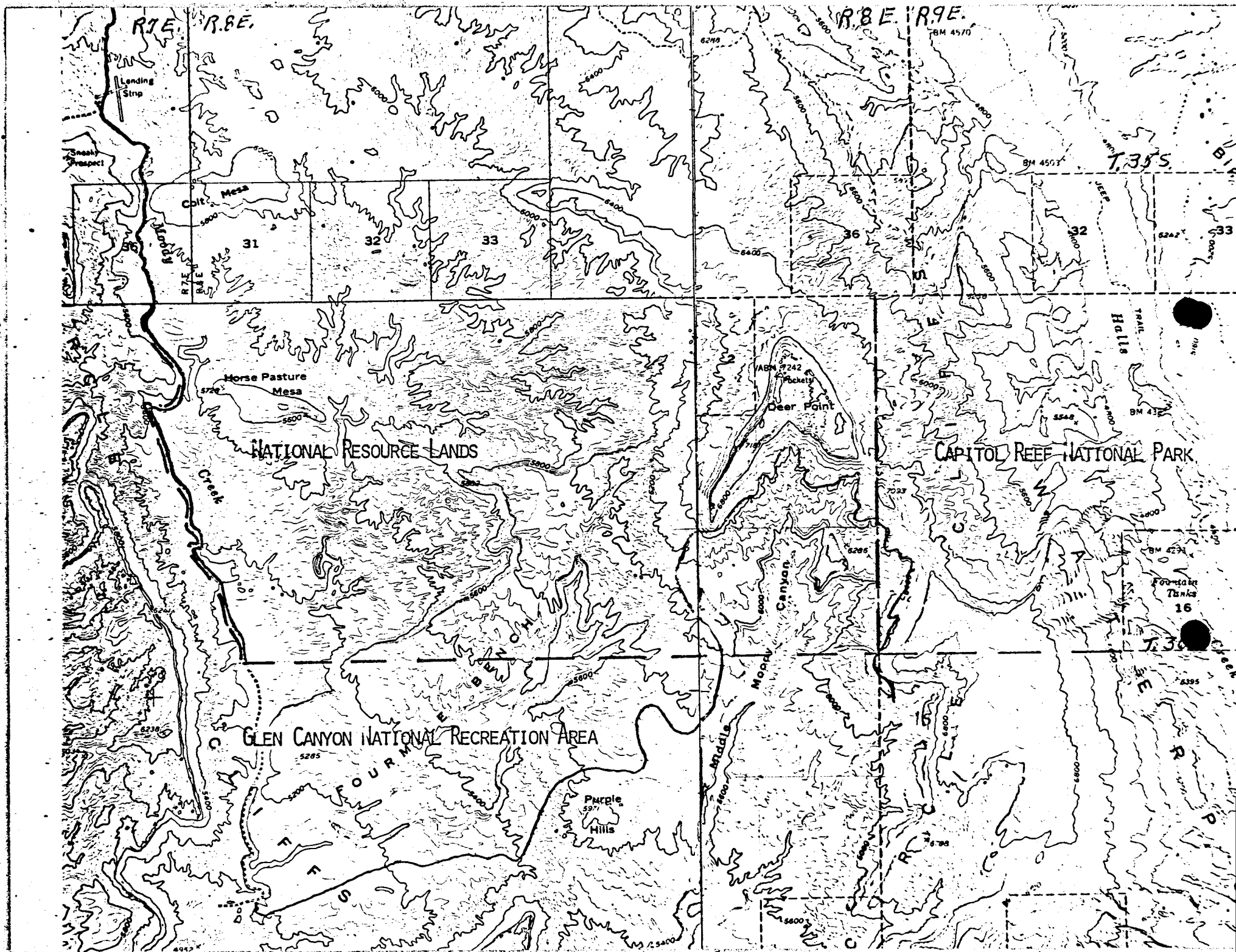
HALL MESA & MOODY CREEK  
TOPOGRAPHIC QUADRANGLES

NOT INCLUDED WITH THIS COPY

SEE COPY SEPT 17, 1973

8426 Federal Building  
Salt Lake City, Utah

Phone 801-524-5650



SURFACE MANAGEMENT  
STIPULATIONS

Access Road

The following stipulations apply to the access road on BLM administered land only:

- (1) All vehicle travel including tract vehicles, will be limited to the one access road indicated on the attached map shown in red and blue.
- (2) Existing roads and trails will be used to the maximum extent feasible. Prior approval of the District Manager for construction of any road or trail will be obtained. The District Manager may require changes in location and design of roads and trails to fit management needs. Roads and trails should be located and constructed to the specifications of the Bureau of Land Management and should include drainage structures where needed. Unless otherwise directed by the District Manager, temporary roads or trails will be closed and restored to approximate original condition, including revegetation. Care should be taken in the construction of temporary trails to disturb as little vegetation as possible.
- (3) Specifically, the road will be built to the following standards:
  - (a) The road shown in red will be bladed and maintained as needed. Maintenance will follow specifications provided in illustration one.
  - (b) The road shown in blue will be built to minimum standards. No more disturbance will be allowed than necessary to gain access to the drill site. After the drilling is complete the road will be returned to near original condition. Any trees removed during construction will be buried or otherwise disposed of in a manner prescribed by the District Manager.
  - (c) No road will be built that exceeds 8% maximum grade without approval of the District Manager.

Miscellaneous

- (1) Trans Delta will contact BLM at least five days before beginning any surface work to allow BLM time to plan for supervision of the work.
- (2) Should a discovery of oil be made requiring additional site activity and utility corridors, BLM will be notified as soon as possible so necessary planning activities can begin.
- (3) All existing improvements including, but not limited to, fences, gates, cattleguards, roads, trails, pipelines, bridges, culverts and water development and control structures shall be maintained in serviceable condition to the degree practicable. In the event any such improvement owned by the United States, or its licensees, permittees, or lessees, is destroyed, immediate replacement or reimbursement by the lessee

*EXHIBIT B*

for its full value, as determined by the district manager, will be made. Some of the existing improvement on the lands involved are:

Fences  
Line Cabins  
Water wells

Corrals  
Reservoirs  
Cattleguards

Pipelines  
Water storage

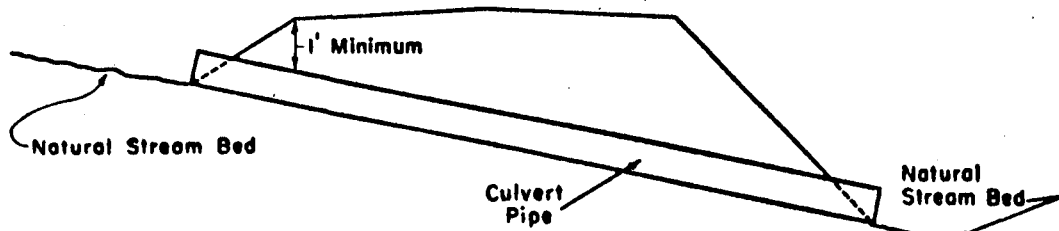
- (4) Surface buildings, supporting facilities and other structures or improvements that have served their purpose shall be removed and the area graded and revegetated as nearly as practicable to the original condition, unless the district manager makes other arrangements.
- (5) All survey monuments, witness corners, reference monuments and bearing trees must be protected against destruction, obliteration or damage. Any damaged or obliterated markers must be reestablished, at the lessee's expense, in accordance with accepted BLM survey practices as set forth in the Manual of Surveying Instructions. A complete record of the monumentation and the methods used in re-establishment will be furnished to the Chief, Branch of Cadastral Survey, at the appropriate State Director's Office.
- (6) Flagging will be removed after use, i.e. markings of section corners and road flagging.
- (7) Grazing and resting livestock will not be unnecessarily disturbed.
- (8) The lessee shall be liable for any damage suffered, whether for Government or private property, and for any cost or expense incurred by the Government arising out of any operations under this lease whenever such damage, cost or expense results from any breach of the terms and conditions of the exploration plan, including any stipulations attached thereto, or wrongful or negligent act of the lessee, his contractors, sub-contractors or the employees of any of them. The lessee shall pay the Government for such damage, cost or expense after written demand therefore by the district manager.
- (9) The oil & gas supervisor at any time may issue a written decision suspending any construction or maintenance activity of lessee in connection with the exploration plan which, in the judgement of the oil & gas supervisor, immediately threatens serious or irreparable harm to life (including wildlife and aquatic life), property, or the environment. In the event the oil & gas supervisor determines that lessee has failed or refused to comply with any provision of this exploration plan or any permit issued by the Department of the Interior in connection with exploration, and after such due notice as the oil & gas supervisor deems practicable, the oil & gas supervisor may issue a written decision suspending any or all of lessee's construction activities under said permit. Lessee shall not resume such suspended activities until given written authorization to do so by the oil & gas supervisor. Any dispute arising under this grant shall be decided by the oil & gas supervisor and district manager.

EXHIBIT-B1

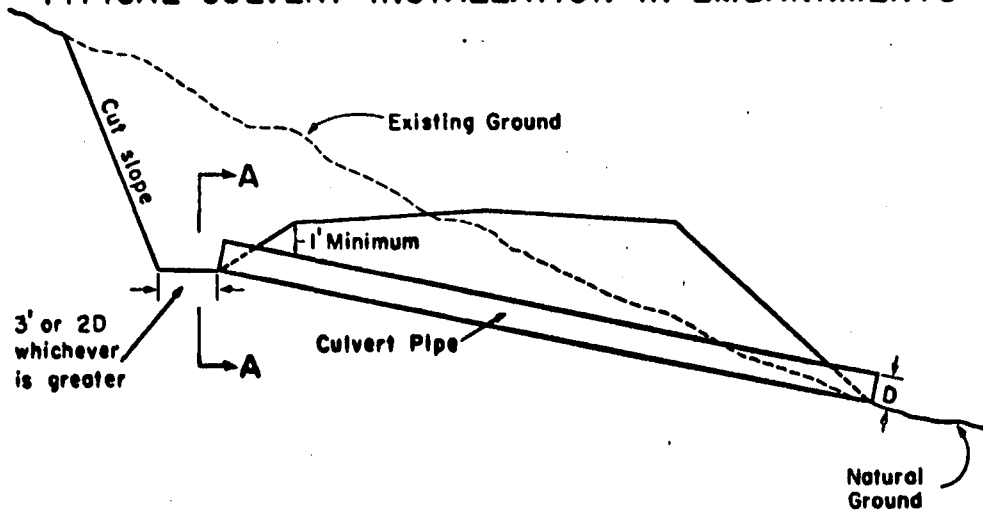
(10) The following reports will be required:

- A. Operations report: within 30 days after the end of each calendar year, or if operations cease before the end of a calendar year, within 30 days after the cessation of operations, the operator shall submit an operations report containing the following information:
- (1) An identification of the permit, lease, or contract and the location of the operation;
  - (2) A description of the operations performed during the period of time for which the report is filed;
  - (3) An identification of the area of land affected by the operations and a description of the manner in which the land has been affected;
  - (4) A statement as to the number of acres disturbed by the operations and the number of acres which were reclaimed during the period of time;
  - (5) A description of the method utilized for reclamation and the results thereof;
  - (6) A statement and description of reclamation work remaining to be done.
- B. Grading and backfilling report: Upon completion of such grading and backfilling as may be required by an approved exploration or mining plan, the operator shall make a report thereon and request inspection for approval. Whenever it is determined by such inspection that backfilling and grading has been carried out in accordance with the established requirements and approved exploration or mining plan, the district manager shall issue a release of an appropriate amount of the performance bond for the area graded and backfilled. Appropriate amounts of the bond shall be retained to assure that satisfactory planting, if required is carried out.

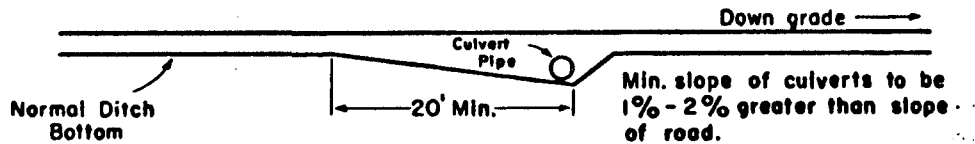
EXHIBIT B2



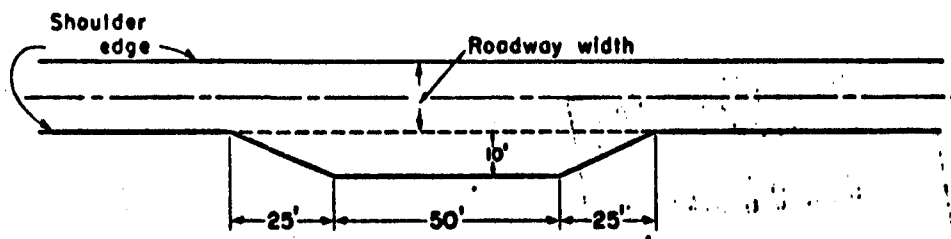
**TYPICAL CULVERT INSTALLATION IN EMBANKMENTS**



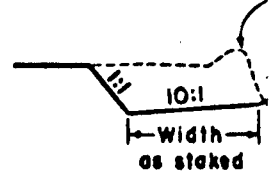
**TYPICAL CULVERT INSTALLATION IN CUTS**



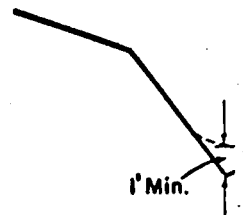
**SECTION A-A**



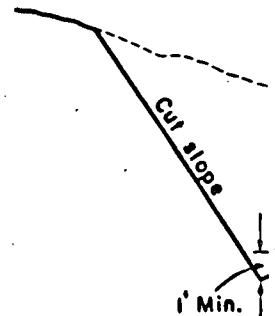
**PLAN - TYPICAL TURNOUT FOR SINGLE LANE ROAD**



TU



RESH



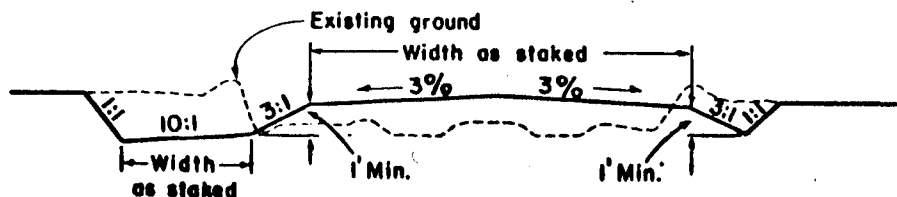
CUT

3:1 for  
1 1/2:1 for  
Variable  
rock cut

EXHIBIT B3

Natural  
Stream Bed

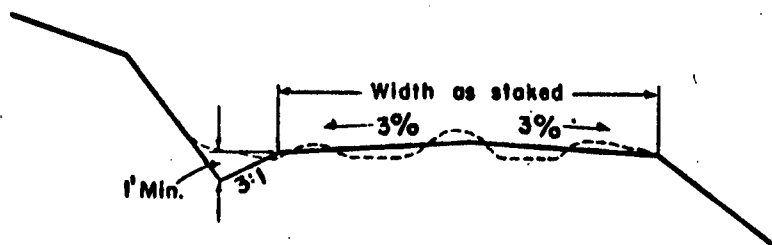
ENTS



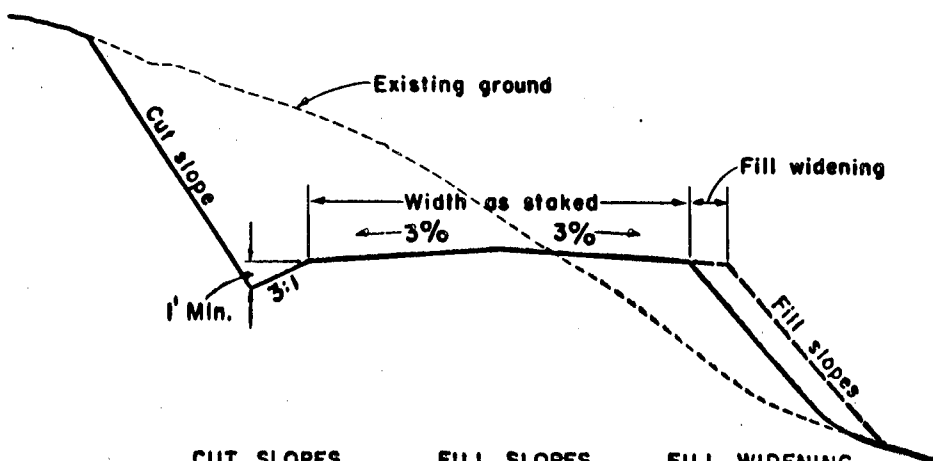
## TURNPIKING OF "RUT" ROADS



Slope of ditch  
road to be 1%  
greater than side  
road.



## RESHAPING OF ROADS & DITCHES



1. This sheet shows of BLM road required under contract bid s
2. Unless otherwise widths, slopes types of road

### CUT SLOPES

3:1 for cuts < 4'  
1 1/2:1 for cuts > 4'  
Variable slopes for  
rock cuts.

### FILL SLOPES

3:1 for fills < 5'  
1 1/2:1 for fills > 5'

### FILL WIDENING

0' for fills 0'-6'  
1' for fills 6'-12'  
2' for fills > 12'

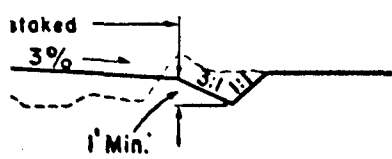
ROAD

## MINOR ROAD REALIGNMENT

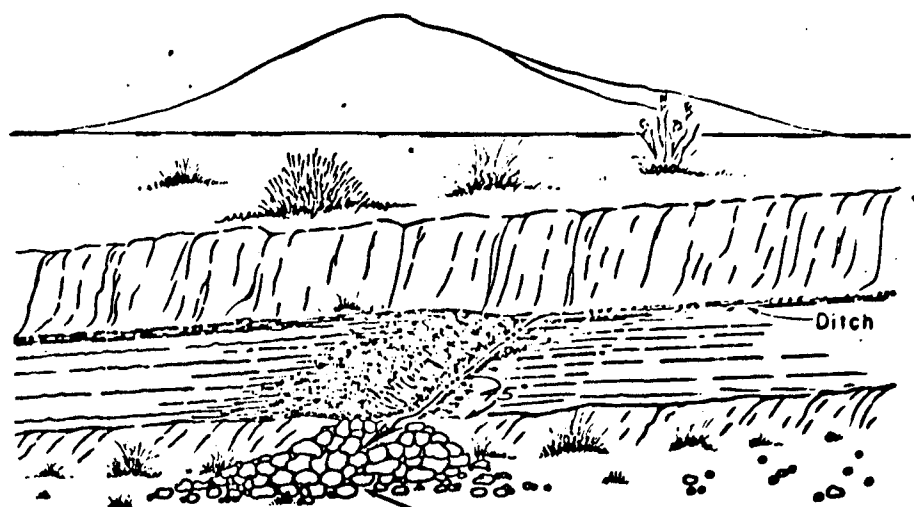


ALWAYS THINK

B-3  
EXHIBIT



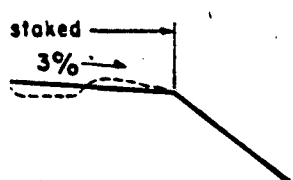
'RUT' ROADS



Slope of ditch across road to be 1%-2% greater than slope of road.

Rip-rope or furrow ditch as staked.

TYPICAL WATER BAR



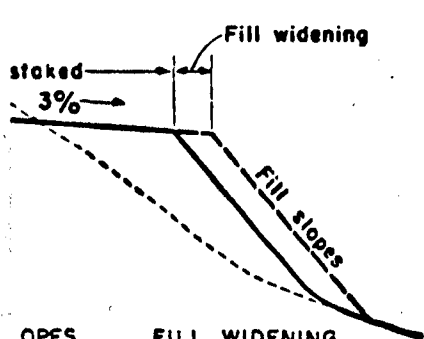
DS & DITCHES



PROFILE OF WATER BAR

## NOTES

1. This sheet shows typical minimum geometric requirements for various types of BLM road maintenance work. The scope and type of work specifically required under this contract will be defined in the specifications and the contract bid schedule.
2. Unless otherwise indicated, the Government will stake or otherwise define widths, slopes, lines, grades and the starting and ending points for the types of road maintenance work to be performed.



OPES	FILL WIDENING
fills < 5'	0' for fills 0'-6'
fills > 5'	1' for fills 6'-12'
	2' for fills > 12'

EXHIBIT B3

EALIGNMENT

ALWAYS THINK SAFETY

U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
ROAD MAINTENANCE TYPICAL ROAD SECTIONS	
DESIGNED _____	RECOMM. DISTRICT MANAGER
DRAWN E.R.M.	RECOMM. <i>Conrad Hunt</i> CHIEF OF ENG. SERVICES
CHECKED C.R.	APPROVED <i>Ed. Nielsen</i> STATE DIRECTOR
SCALE: NOT TO SCALE	
DATE: 8-18-71	SHEET 1 OF 1
DRAWING NO. 43-941-0113.10-1	



July 6, 1973

Trans Delta Oil and Gas Co.  
1330 Leyden Street  
Suite 131  
Denver, Colorado 80220

Re: Well No. Gov't. #1  
Sec. 19, T. 36 S, R. 9 E-  
Garfield County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the topographic exception under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. Said approval is, however, conditional upon the following:

- (1) Written notification as to the type of blowout prevention equipment to be installed, as well as, subsequent testing procedures to be followed.
- (2) Letter indicating the nature of the topography in the area and justification as to the unorthodox location.
- (3) Written notification that your company owns or controls all the acreage within a 660' radius of the proposed site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer  
HOME: 277-2890  
OFFICE: 328-5771

Trans Delta Oil and Gas Inc.  
July 6, 1973  
Page Two

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-017-30060.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
cc: U.S. Geological Survey

**OIL & GAS CO., INC.**

1330 LEYDEN ST. SUITE 131  
DENVER, COLORADO 80220  
TELEPHONE (303) 321-0727

July 6, 1973

United States Dept of Interior  
Geological Survey  
8416 Federal Building  
Salt Lake City Utah 84111

RE: Circle Cliffs Govt # 1

Attn: Edward Gynn

Gentlemen:

Trans Delta proposes to drill a test well for oil or gas at a location in the NW/4 of Section 19, T 36 South, R 9 East in Garfield County Utah, as shown on the enclosed survey plat. On July 3, 1973 this office mailed a request for a permit to drill to the U.S.G.S. with a letter of explanation that we were going to submit our plan of development after all parties concerned had been over the proposed road and drill site. This plan, I am told, will not be sufficient evidence to initiate proper action from the U.S.G.S. and other agencies. Therefore, we are submitting the following program as outlined in the 12 point procedure, to all lessees and operators on federal lands.

1. Existing roads including location of the exit from the main highway.

Propose to use the existing roads and trails out of Boulder Utah to a point known as the Four Mile Bench, which is found on the enclosed USGS top sheet, named Moody Creek Quadrangle. Here, the existing trail terminates. In red I have outlined the proposed route to the location.

2. Planned access roads.

The planned access road is expected to be nine (9) miles in length to the drill site. The road will be of minimum width and we do not expect to surface the road. Will blade road to minimise erosion.

3. Location of existing wells.

There are no existing wells in the area of interest.

July 6, 1973  
Geological Survey  
Edward Guynn

4. Lateral roads to well locations.

Not applicable.

5. Location of tank batteries and flow lines.

Shown on plat describing rig placement and diagram.

6. Location and type of water supply.

Propose to use a pit dug previously at the termination of the present road as shown on the top sheet. In the event this is not practical, we plan to haul water from a point on the Escalante river to the location. There are no plans to lay any temporary water lines.

7. Methods of handling waste disposal.

We plan to utilize the reserve pit for cuttings. All garbage, trash and so forth will be placed in appropriate containers and removed from the location.

8. Location of camps.

We do not expect to build any type of camp for the drilling crews.

9. Location of airstrips.

We plan to use the existing airstrip as shown on the Moody Creek Quadrangle near Colt Mesa.

10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.

Shown on a layout of the rig, as enclosed.

11. Plans for restoration of the surface.

We propose to set aside all top soil using same to cover the location where possible. Level the location to its original status if possible. Cover all pits. Remove all litter from the location and to request from the proper authority, what kind of reseeding program is needed for this area.

12. Any other information that may be used in evaluating the impact on environment. Include general description of the topography, vegetation, and other aspects of the area.

The drill site location is situated in a very remote area which can be classified as uninhabitable due to the lack of water. Vegetation is

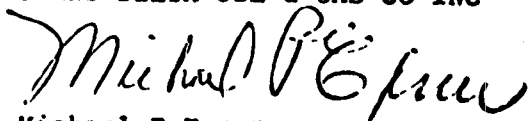
July 6, 1973  
Geological Survey  
Edward Gynn

the usual desert variety which the writer is not able to identify. The area is cut by many canyons and washes. The proposed access road will be kept to a minimum in length and width, and will be constructed to best suit future use of this remote area.

Trans Delta will advise all personnel associated with this project to be careful not to create any problems which would be not in the best interest of the United States government; and to bear in mind that we are guests on this land.

Sincerely,

TRANS DELTA OIL & GAS CO INC



Michael P Exner  
Assistant Secretary Treasurer

MPERP

Enclosure

cc: Morgan Jensen

4

72

MB

# TRANS DELTA

OIL & GAS CO., INC.

1330 LEYDEN ST. SUITE 131  
DENVER, COLORADO 80220  
TELEPHONE (303) 321-0727

July 13, 1973

State of Utah  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City Utah 84116

Attn: Cleon B. Feight, Director

Gentlemen:

I am in receipt of your letter of July 6, 1973 concerning Well No. Govt #1, Sec 19, T 36S, R 9E in Garfield County Utah.

Please be advised that this office will notify you as to what type of blow out preventor will be installed on this well.

The topography of this area is extremely difficult due to washes and canyons which are on and adjacent to the location of the well. Mr. Ed Guynn of the UGSG has been to the location and can verify the conditions which require this well to be on an off pattern spacing.

Under separate cover, I will mail to you a letter from Sun Oil Company which will state that they have no objections to the unorthodox patterning of this location.

Sincerely,



Michael P Exner  
Assistant Secretary Treasurer

MPCLP

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSIONSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)5. LEASE DESIGNATION AND SERIAL NO.  
U-9406

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR TRANS DELTA OIL & GAS CO., INC.		8. FARM OR LEASE NAME Govt. #1	
3. ADDRESS OF OPERATOR 1330 Leyden Street, Denver, Colorado 80220		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2515' South of North Line 158' East of West Line		10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19, T36S, R9E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6155'		12. COUNTY OR PARISH Garfield	
		13. STATE Utah	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	See below		X

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DRILLING OPERATIONS WAITING ON SPECIAL LAND USE PERMITS

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Treasurer

DATE 7-31-73

(This space for Federal or State office use)

APPROVED BY

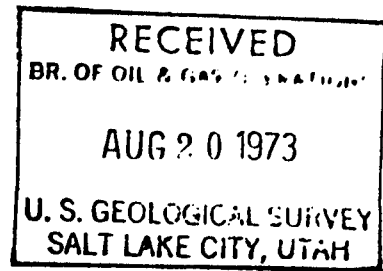
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# TRANS DELTA OIL & GAS CO., INC.

1330 LEYDEN ST. SUITE 131  
DENVER, COLORADO 80220  
TELEPHONE (303) 321-0727



August 15, 1973

Mr. C. E. Johnson  
Superintendent  
Clen Canyon National Recreation Area  
Box 1507  
Page Arizona 86040

Dear Mr. Johnson:

It was very kind of you to send me a copy of your letter to Mr. Ed Guynn of the USGS. We have reviewed your letter and wish to clarify some of the thoughts you have regarding the access road and drill site for the proposed test in the NW/4 of Section 19, T 36S, R 9E.

I will list the items in the order you have listed them in your letter.

## ITEMS 1 & 2

Trans Delta will have Ivan Willis, the surveyor who staked the location and accompanied us on the helicopter flight to the location, run a mileage check on the road from Boulder to the drill site. He will also survey that part of the road where needed, to eliminate any possibility of error in knowing where the access road is at all times. A duplicate of the typical road section - the BLM drawing - has been forwarded to the dirt contractor, Mr. Everett Williams of Escalante Utah. He has been over the entire proposed access road and we have instructed him to govern his activity within the limits set out in this drawing when the building and repairing of the access road is started.

## ITEM 6

Trans Delta has no plans to build any additional road to haul water. The statement made in the original 12 point program regarding water from the Escalante river, referred to that point where the existing road crosses the river, between Boulder Utah and the drill site. It is estimated that this would mean a 30 mile haul for water, on our part.

## ITEM 7

An acceptable sanitary disposal system will be provided for the personnel at the drill site.



Mr. C. E. Johnson  
August 15, 1973

ITEM 8

Trans Delta will not build any camp for any personnel at the drill site associated with this project. There will be trailers provided at the drill site for the geologist and engineer to enable them to conduct studies while the well is being drilled.

ITEM 9

Trans Delta will obtain proper clearance from the BLM or any other government agency before the existing air strip is repaired and used.

ITEM 11

Trans Delta will restore access roads and the drill site to the satisfaction of each of the government agencies responsible for that portion of the road and/or drill site. We are unable at this point to detail what procedure we will follow until we are advised as to what is expected of us in this matter.

ITEM 12

Trans Delta has no data as to the type of soil or the susceptibility to erosion on the access road and the drill site. We have no knowledge as to the annual precipitation and the amount of run off concerned with this area. Within Item 12 we made the statement that we were going to build the road for future use. We did not mean in the event of oil and gas production, but rather that the road be built for public use. We do not object to your suggestion that this be deleted from the program.

As to your suggestions on Items 13 & 14:

ITEM 13

Trans Delta has no objection to this (on site) inspection of all parts concerned with the drill site location. However, if the roads are obliterated before the inspection is made, some provision will have to be made to view the access road and drill site from the air.

ITEM 14

Trans Delta recognizes and understands that any and all water developed in connection with the drilling operation will be vested in the national park service.



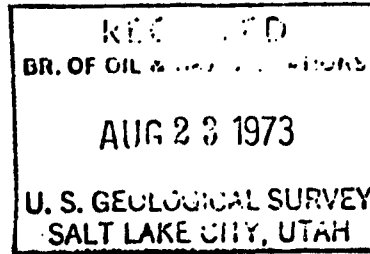
# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
320 North First East  
Kanab, Utah  
84741

IN REPLY REFER TO

3500

August 22, 1973




USGS  
Oil & Gas Supervisor  
Jerry Daniels  
8234 Federal Bldg.  
125 South State St.  
Salt Lake City, Utah 84111

Dear Mr. Daniels:

Enclosed are the stipulations governing the Trans Delta 12 point plan. These stipulations apply to BLM administered lands only. Also, you will find a map and a copy of our open lease environmental analysis.

Thank you.

Sincerely yours,

  
Morgan S. Jensen  
District Manager

Enclosure:

SURFACE MANAGEMENT  
STIPULATIONS

Access Road

The following stipulations apply to the access road on BLM administered land only:

- (1) All vehicle travel including tract vehicles, will be limited to the one access road indicated on the attached map shown in red and blue.
- (2) Existing roads and trails will be used to the maximum extent feasible. Prior approval of the District Manager for construction of any road or trail will be obtained. The District Manager may require changes in location and design of roads and trails to fit management needs. Roads and trails should be located and constructed to the specifications of the Bureau of Land Management and should include drainage structures where needed. Unless otherwise directed by the District Manager, temporary roads or trails will be closed and restored to approximate original condition, including revegetation. Care should be taken in the construction of temporary trails to disturb as little vegetation as possible.
- (3) Specifically, the road will be built to the following standards:
  - (a) The road shown in red will be bladed and maintained as needed. Maintenance will follow specifications provided in illustration one.
  - (b) The road shown in blue will be built to minimum standards. No more disturbance will be allowed than necessary to gain access to the drill site. After the drilling is complete the road will be returned to near original condition. Any trees removed during construction will be buried or otherwise disposed of in a manner prescribed by the District Manager.
  - (c) No road will be built that exceeds 8% maximum grade without approval of the District Manager.

Miscellaneous

- (1) Trans Delta will contact BLM at least five days before beginning any surface work to allow BLM time to plan for supervision of the work.
- (2) Should a discovery of oil be made requiring additional site activity and utility corridors, BLM will be notified as soon as possible so necessary planning activities can begin.
- (3) All existing improvements including, but not limited to, fences, gates, cattleguards, roads, trails, pipelines, bridges, culverts and water development and control structures shall be maintained in serviceable condition to the degree practicable. In the event any such improvement owned by the United States, or its licensees, permittees, or lessees, is destroyed, immediate replacement or reimbursement by the lessee

For its full value, as determined by the district manager, will be made. Some of the existing improvement on the lands involved are:

Fences  
Line Cabins  
Water wells

Corrals  
Reservoirs  
Cattleguards

Pipelines  
Water storage

- (4) Surface buildings, supporting facilities and other structures or improvements that have served their purpose shall be removed and the area graded and revegetated as nearly as practicable to the original condition, unless the district manager makes other arrangements.
- (5) All survey monuments, witness corners, reference monuments and bearing trees must be protected against destruction, obliteration or damage. Any damaged or obliterated markers must be reestablished, at the lessee's expense, in accordance with accepted BLM survey practices as set forth in the Manual of Surveying Instructions. A complete record of the monumentation and the methods used in re-establishment will be furnished to the Chief, Branch of Cadastral Survey, at the appropriate State Director's Office.
- (6) Flagging will be removed after use, i.e. markings of section corners and road flagging.
- (7) Grazing and resting livestock will not be unnecessarily disturbed.
- (8) The leasee shall be liable for any damage suffered, whether for Government or private property, and for any cost or expense incurred by the Government arising out of any operations under this lease whenever such damage, cost or expense results from any breach of the terms and conditions of the exploration plan, including any stipulations attached thereto, or wrongful or negligent act of the lessee, his contractors, sub-contractors or the employees of any of them. The lessee shall pay the Government for such damage, cost or expense after written demand therefore by the district manager.
- (9) The oil & gas supervisor at any time may issue a written decision suspending any construction or maintenance activity of leasee in connection with the exploration plan which, in the judgement of the oil & gas supervisor, immediately threatens serious or irreparable harm to life (including wildlife and aquatic life), property, or the environment. In the event the oil & gas supervisor determines that leasee has failed or refused to comply with any provision of this exploration plan or any permit issued by the Department of the Interior in connection with exploration, and after such due notice as the oil & gas supervisor deems practicable, the oil & gas supervisor may issue a written decision suspending any or all of leasee's construction activities under said permit. Leasee shall not resume such suspended activities until given written authorization to do so by the oil & gas supervisor. Any dispute arising under this grant shall be decided by the oil & gas supervisor and district manager.

(10) The following reports will be required:

A. Operations report: within 30 days after the end of each calendar year, or if operations cease before the end of a calendar year, within 30 days after the cessation of operations, the operator shall submit an operations report containing the following information:

- (1) An identification of the permit, lease, or contract and the location of the operation;
- (2) A description of the operations performed during the period of time for which the report is filed;
- (3) An identification of the area of land affected by the operations and a description of the manner in which the land has been affected;
- (4) A statement as to the number of acres disturbed by the operations and the number of acres which were reclaimed during the period of time;
- (5) A description of the method utilized for reclamation and the results thereof;
- (6) A statement and description of reclamation work remaining to be done.

B. Grading and backfilling report: Upon completion of such grading and backfilling as may be required by an approved exploration or mining plan, the operator shall make a report thereon and request inspection for approval. Whenever it is determined by such inspection that backfilling and grading has been carried out in accordance with the established requirements and approved exploration or mining plan, the district manager shall issue a release of an appropriate amount of the performance bond for the area graded and backfilled. Appropriate amounts of the bond shall be retained to assure that satisfactory planting, if required is carried out.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-9406
2. NAME OF OPERATOR TRANS DELTA OIL & GAS CO., INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1330 Leyden St., Denver, Colorado 80220		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2515' South of North Line 158' East of West Line		8. FARM OR LEASE NAME Govt. #1
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6155'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19, T36S, R9E
		12. COUNTY OR PARISH Garfield
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>See below</u>	<input checked="" type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DRILLING OPERATIONS WAITING ON SPECIAL LAND USE PERMITS

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE

Treasurer

DATE

8-31-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

September 13, 1973

Trans Delta Oil & Gas  
1330 Leyden Street  
Suite 131  
Denver, Colorado

Re: Well No. Government #1  
Sec. 19, T. 36 S, R. 9 E,  
Garfield County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months of July and August, 1973, on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said report be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information.

Your cooperation relative to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE  
EXECUTIVE SECRETARY

JACK:

Excluded from  
assessment

PER YOUR REQUEST OF  
9-27-73

*Glen Canyon Recreation area  
Capt. [Signature] 1/2 mile of road*

1 SW 1/4 sec 19, T. 36S, R. 9E,  
activity of location.

all: Ltr 9-6-72 GS

ting with BLM &

APD & 12 point plan.

(PL 92-593 had not yet passed so it was indeterminate whether or  
not the Glen Canyon Recreation area was involved Act dated 10-27-72)

June 29-1973 Ltr BLM Kanab to USGS, NPS, Trans Delta  
establishing 7-10-73 for EIA on ground examination.

July 3 1973 Ltr Trans Delta to USGS transmitting APD &  
Advice 12 point would follow on ground inspection. BLM  
refused to consider until 12 point was submitted by operator  
would not provide data to operator to aid him in preparation of  
12 point.

July 6, 1973 - State of Utah approved APD with topographic exception.

July 6-1973 - 12 point plan prepared by operator.

JUL 10, 1973 ON GROUND INSPECTION BY HELICOPTER. ABBREVIATED  
EIA PREPARED BY USGS.

JUL 12 1973 LTRS FROM TRANS DELTA & SUN OIL CO (neighboring lease)  
REQUESTING WAIVER OF 200' FROM LEASE LINE REG.



## CHRONOLOGY

Trans Delta Oil & Gas Co U 9406 Well 1 SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec 19, T.36S, R.9E,

AUGUST 29 1972 Ltr BLM to Trans Delta re sensitivity of location.

~~SEPTEMBER 1972~~ Initial contact concerning well. Ltr 9-6-72 GS to Trans Delta outlines procedure suggests meeting with BLM & Capitol Reef re: location prior to submitting APD & 12 point plan. (PL 92-593 had not yet passed so it was indeterminate whether or not the Glen Canyon Recreation area was involved Act dated 10-27-72)

June 29-1973 Ltr BLM Kanab to USGS, NPS, Trans Delta establishing 7-10-73 for EIA on ground examination.

July 3 1973 Ltr Trans Delta to USGS transmitting APD & Advice 12 point would follow on ground inspection. BLM refused to consider until 12 point was submitted by operator would not provide data to operator to aid him in preparation of 12 point.

July 6, 1973 - State of Utah approved APD with topographic exception.

JULY 6 - 1973 - 12 point plan prepared by operator.

JUL 10, 1973 ON GROUND INSPECTION BY HELICOPTER. ABBREVIATED EIA PREPARED BY USGS.

JUL 12 1973 LTRS FROM TRANS DELTA & SUN OIL CO (neighboring lease) REQUESTING WAIVER OF 200' FROM LEASE LINE REG.

JUL 13, 1973 MEMO USGS DISTRICT TO MGR CENTRAL REGION TRANSMITTING  
7-10-73 EIA. COPIES OF 7-10-73 EIA SUPPLIED TO NPS  
& BLM (Both later advised EIA as drawn was totally useless)

JUL 30 1973 LTR NPS PAGE TO TRANS DELTA - ADVISING 12 point  
plan not acceptable and that two SLUP's would be required for  
access road in CRNP & GCNRA.

AUG 2, 1973 LTR NPS PAGE TO USGS CRITICIZES 12 point plan  
criticizing 7-10-EIA Requesting a more detailed write-up of  
environmental impacts. Agreeing that ~~act~~ action is not a  
major Federal action and considered alternatives are no more  
acceptable than the proposal.

AUG 15, 1973, LTR TRANS DELTA to USGS DISTRICT - transmitting more  
detailed sections of original 12 point plan.

AUG 22, 1973 LTR BLM KANAB to USGS DISTRICT transmitting BLM  
stipulations to approval of 12 point plan.

AUG 30, 1973 MEETING AT PAGE RE ENV ANAL. w/all jurisdictional agencies  
oper.

SEP 6, 1973 LTR'S Trans Delta to BLM Kanab, NPS CRNP, NPS GCNRA  
requesting SLUPs be forwarded & agreeing to execute them

SEP 6, 1973 MEMO NPS PAGE to USGS District, transmitting NPS  
EIA. & requesting substance be included in final EIA. Submit  
maps & road standards.

SEP 17, 1973 <sup>Re-written</sup> A EIA transmitted to MGR CENTRAL REGION

MEMO USES DISTRICT to NPS PAGE, NPS TORREY UT &  
DIST MGR BLM KANAB REQUESTING

MEMOS to REG SOLICITOR, STATE DIR BLM, NPS SLIC transmitting  
EIA & requesting comments.

SEP 18, 1973 LTR BLM KANAB to USGS DIST REQUESTING ANOTHER  
12 point plan be prepared.

SEP 20, 1973 LTR BLM KANAB to USGS - VAGUE CRITICISM OF  
EIA NO INDICATION OF LANGUAGE THAT WOULD BE ACCEPTABLE  
SUGGEST BLM SUPPLY DRAFT OF EIA INPUT. APPARENT REFUSAL  
TO SIGN EXISTING EIA THOUGH NOT SO STATED.

SEP 25, 1973 MEETING WITH NPS & BLM - HIGHLY CRITICAL OF  
USGS - REQUESTING MODIFICATION OF EIA.

SEP 26, 1973 ORAL ADVICE REG SOLICITOR - EXISTING EIA NOT  
ADEQUATE SUGGESTING BLM POINTS OF 9-20-73 & NPS MEMO  
OF 9-25-73 BE INCORPORATED.

Sep 27, 1973 Mtg 8226 Fed Bldg SLIC w/ Kanab Distr. Mgr BLM  
State Dir, NPS, BLM & USGS, SLIC - EIA not  
acceptable w/o Public Input.

Because it is in the Glen  
Canyon Recreation area which is being  
studied for Wilderness area.

1. Prepare resource Impact Analysis  
is then a major federal action which  
significantly affects human environment

4. Cato - Last month no leases pending, except  
at study.

1. Open Leasing - minor steps

2. Restricted " - list of 37 separate items

3. No surface occup [ can include as part of  
lease -

4 - No leasing.

No mineral impact - Jerry has not  
been contacted

1972 ~~9,371,280~~ 9,371,280 Total receipts oil & gas  
of which 4,771,831

Utah share 3,747,916 all minerals

BR - 5,200,000 W

SEP 28 1973

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-9406
2. NAME OF OPERATOR TRANS DELTA OIL & GAS CO., INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 501 - 650 Seventeenth St., Denver, Colo. 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2515' South of North Line 158' East of West Line		8. FARM OR LEASE NAME Govt. #1
14. PERMIT NO.		8. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6155'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19, T36S, R9E
		12. COUNTY OR PARISH Garfield
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) See below <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DRILLING OPERATIONS WAITING ON SPECIAL LAND USE PERMITS ✓

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Treasurer

DATE 9-30-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*Bill Lovell*

Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

October 1, 1973

Mr. H. F. Gumz  
Trans Delta Oil & Gas Co.  
1330 Leyden St.  
Suite 131  
Denver, Colorado 80220

Re: Well No 1  
SW1/4 Sec. 19, T36S, R9E, SLM  
Garfield County, Utah  
Oil and Gas Lease U 9406

Dear Mr. Gumz:

This is to acknowledge receipt of your telegram of September 27, 1973, advising that you are scheduling work on the access road to the referenced well site to commence October 15, 1973.

This office, in cooperation with the National Park Service and the Bureau of Land Management, is in the process of preparing an environmental impact analysis of the proposed drilling operation and the associated access road. The analysis must be completed in order to determine whether or not an environmental impact statement must be prepared.


If a determination is made that the approval of the Application for Permit to Drill the referenced well does not constitute a major Federal action significantly affecting the human environment, this office may proceed with the approval. We can give no guarantee that such a determination can or will be made by October 15, 1973.

If a determination is made that approval of your Application for Permit to Drill does constitute a major Federal action significantly affecting the human environment, a full environmental impact statement must be prepared before a decision may be made as to whether or not you may proceed with your operations. It would be unusual if a full environmental impact statement could be completed in less than a year.

It is the opinion of this office that any operations conducted by Trans Delta Oil and Gas Company prior to our approval of the Application for

Permit to Drill would be considered to be in willful trespass in accordance with 43 CFR 9230, copy attached.

Sincerely yours,



Gerald R. Daniels  
District Engineer

cc: NPS, SLC  
BLM, Kanab, Utah  
Solicitor, SLC - Mrs. Lewis  
State Div. O & G Cons. ✓  
USGS, Wash.  
USGS, Casper  
USGS, Denver

GRD;lgb



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

320 North First East  
Kanab, Utah  
84741

October 2, 1973

Mr. Gerald R. Daniels  
USGS  
Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

Dear Mr. Daniels:

The letter addressed to Mr. Daniels and dated September 20th, listed ten items of concern to BLM that should be included in the EIA. The first nine items are listed below again, along with specific information, if added to the original EIA will satisfy BLM EIA requirements.

- X1. Description of road standards, construction methods, maintenance, and the nature of the road system, i. e. temporary or permanent.

Delete (This will be covered under the 12 point plan and a special land use permit issued by BLM).

- X2. Define "area of operations". Does this include the roads? If so, there may be some archaeological values that were not considered.

✓ Change "...of operations." to read "...where roads now exist, are proposed for construction or on the area of the proposed drill site."

This change should be in paragraph 2, page 3 of the EIA submitted by Mr. Guynn.

- X3. Existing plant and animal life generally lacks sufficient description. Non-consumptive species seem to have been overlooked.

Insert the following:

✓ The plant community consists of desert shrubs and grass. Blackbrush, 4-wing saltbush and shadscale are common shrubs. Galletta, sand dropseed and Indian ricegrass are common grass species found in the area. Some localities support an over story of pinion pine and juniper trees.

There are many species of birds, small mammals, reptiles and a few species of amphibians, in the area. None of the above are known to be rare or endangered.



- X 4. Aesthetic values are not described. The area has highly significant scenic and natural values. Also, the area is being studied for a potential wilderness area.

Insert the following:

Aesthetics are one of the more important resource values. The quality of scenery should be classed as moderate to excellent. The skyline is open and free of man's influence. Different geologic structures create striking color contrasts. One has an awe-inspiring feeling due to the vastness of the terrain, the height of canyon walls, massive rock formations and dissected topography. These contribute toward a feeling of being isolated from other people, from noise and cares of the world. Man experiences a sense of appreciation for the beauty of the land.

5. Drainages (intermittent streams) were overlooked in regard to potential pollution hazards.

Insert the following:

P3 1025

There are many drainages that potentially carry large volumes of water and sediment loads. Special care is necessary to protect these drainages from foreign materials that could conceivably contribute to downstream pollution in the Escalante River and Lake Powell.

- X 6. The almost inevitable permanency of the road system, due to scarring of the landscape, may well be an irreversible impact. Also the possible mineral extraction.

Insert the following:

The road may very well change the character of the area, i.e., its wilderness value is lessened simply because <sup>the</sup> road <sup>scars</sup> will become a more prominent feature of the landscape. P2 -

7. Assessment of the intensity of the public interest is lacking in the analysis. P1

Insert the following:

17 yrs  
The areas of public controversy are outside BLM administered lands. The issuance of oil and gas leases and subsequent wildcat drilling, on areas under BLM surface control was discussed at a series of workshop oriented sessions on land use planning held April 11, 13, and 14, 1973. Those in attendance at these meetings were:

Government Agencies

National Park Service  
Forest Service  
USGS  
Bureau of Reclamation

Mr. Gerald Daniels  
October 2, 1973  
Page 3

Utah Division of Wildlife Resources  
Utah State Land Board  
Utah State Planning Office  
Utah Department of Natural Resources  
Utah Highways Environmental Council

Mineral Interests

Rocky Mountain Oil and Gas Assn.  
El Paso Natural Gas Company

Environmental Groups

Uinta Chapter Sierra Club  
Escalante Wilderness Committee  
I.S.S.U.E.

No further public meetings are planned to discuss the proposed Trans-Delta Wildcat drilling operations.

8. Use of an environmental analysis checklist would be helpful in assessing the impacts.

Refer to the attached checklist.

9. A discussion of the relationship between short-term use and long-term productivity is lacking in the analysis.

Insert the following: *Heading 9*

On the areas within the Kanab District being considered for the subject proposal, most adverse impacts can be mitigated, and in light of the present energy shortage the long-term benefits of oil discovery, would for the most part, offset the adverse environmental impacts.

10. This paragraph will be accomplished under the lease. A copy of the letter addressed to Mr. Daniels, dated September 20th and the BLM checklist is enclosed for your convenience.

Thank you.

Sincerely,

*Morgan S. Jensen*  
Morgan S. Jensen  
District Manager  
*acting*

Attachment



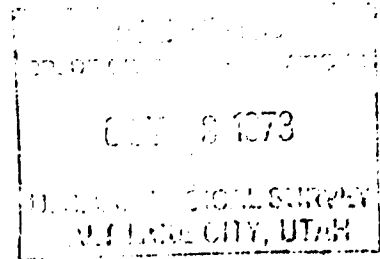
# United States Department of the Interior

NATIONAL PARK SERVICE  
UTAH STATE DIRECTOR'S OFFICE  
125 S. STATE STREET  
SALT LAKE CITY, UTAH 84111

IN REPLY REFER TO:

L14

October 2, 1973



## Memorandum

To: Chief, Conservation Division, Geological Survey  
From: Acting Utah State Director, National Park Service  
Subject: Trans-Delta Environmental Impact Analysis

Following are our suggested revisions to the subject analysis:

1. Page 5, last paragraph of Effects on Environment by Proposed Action. First two sentences remain. Add the following after the second sentence:

There are no residences on the portion of the access road within either the National Park or the National Recreation Area or the section of road on public lands connecting the two. There are no population centers closer than 25 miles to the part of the access road defined above. None are planned. The road is located in a relatively unspoiled area similar to other portions of the Upper Escalante drainage, of which it is a part. The area is, and has been, used for grazing, oil, gas and mineral exploration and is available for recreation pursuits such as rock hounding, hiking, hunting, camping, etc. This project is located on the periphery of a larger area, centered on the Escalante River, which is currently under study for possible Congressional designation as wilderness. The proposed action could lead to a modification of what might otherwise be proposed as wilderness in terms of area included in wilderness or timing of designation as wilderness. Depending on the nature of the recommendations of the wilderness plan, the access road will either improve public access and aid in distribution of public use impacts within the wilderness, thus aiding in management of it, or contribute to a wilderness management problem by making access too easy in this otherwise remote area.

2. Page 6, Mitigating Factors, second paragraph. First sentence remains.  
Add, as a second sentence:

The design standards, maintenance quality and use of the access road will be controlled through special use permits from the <sup>jurisdictional</sup> land-managing agency, and continuing supervision of the drillers' activity will be accomplished by them.

We also recommend strongly that review of the analysis by other agencies and the public be sought. This is, in our view, essential to meeting the letter and spirit of the National Environmental Policy Act, the guidelines established by the Council on Environmental Quality and Departmental Guidelines. While we agree with the findings of the analysis that an Environmental Impact Statement is not necessary, we do not view this determination as being adequately resolved until the public has had opportunity to express their views.

  
James L. Isenogle

cc:  
Regional Director, Midwest  
Regional Solicitor  
Utah State Director, BLM  
Supt., Glen Canyon NRA

preservation and perpetuation is expedient as in the public interest.

(b) *Ownership of land.* The applicants for resurvey are required to preface their petition by the statement that the extent of privately owned lands within the township is in excess of 50 percent of the total area thereof. If necessary, information in this connection may be obtained by the petitioners from the manager of the land office having local jurisdiction. Failure to comply with the condition set forth in this section or material error in the showing made, will not only result in delaying action upon the petition, but may require its rejection if it is found that the township is not properly subject to resurvey under the terms of the governing act.

(40 Stat. 965, as amended; 43 U.S.C. 773)

### § 9185.4-3 Three-fourths of land owners.

The owners of three-fourths of the privately owned lands within the township are required to join in the application, and all petitioners in whom ownership is vested, either individuals, the State, or corporations such as railroad companies whose interests are involved, are further required to supply, following their respective signatures, an accurate description by legal subdivision, section, township, and range of the lands to which title is claimed. Moreover, it must appear that notice of the proposed resurvey has been served upon all owners who have for any reason failed to join in the petition, and, in addition, it is highly desirable that all record entrymen who, under the terms of the act are not required to become parties to the petition, be similarly informed to the end that their objections, if any, may be heard and subsequent protest based upon the plea of ignorance may, insofar as possible, be avoided.

(40 Stat. 965, as amended; 43 U.S.C. 773)

## Group 9200—Protection

### PART 9230—TRESPASS

#### Subpart 9239—Kinds of Trespass

- Sec.  
9239.0-3 Authority.  
9239.0-7 Penalty for unauthorized removal of material.  
9239.0-8 Measure of damages.  
9239.0-9 Sale, lease, permit, or license to trespassers.  
9239.1 Timber.

- Sec.  
9239.1-1 Unauthorized cutting of timber.  
9239.1-2 Penalty for unauthorized cutting of timber.  
9239.1-3 Measure of damages, when not prescribed by State law.  
9239.2 Unlawful enclosures or occupancy.  
9239.2-1 Enclosures of public lands in specified cases declared unlawful.  
9239.2-2 Duty of district attorney.  
9239.2-3 Responsibility for execution of law.  
9239.2-4 Filing of charges or complaints.  
9239.2-5 Settlement and free passage over public lands not to be obstructed.  
9239.3 Grazing.  
9239.3-1 Outside grazing districts.  
9239.3-2 Inside grazing districts.  
9239.3-3 Alaska.  
9239.5 Minerals.  
9239.5-1 Ores.  
9239.5-2 Oil.  
9239.5-3 Coal.  
9239.6 Materials.  
9239.6-1 Turpentine.  
9239.7 Right-of-way.  
9239.7-1 O&C lands.

**AUTHORITY:** The provisions of this Part 9230 issued under R.S. 2478; 43 U.S.C. 1201.

**SOURCE:** The provisions of this Part 9239 appear at 35 F.R. 9800, June 13, 1970, unless otherwise noted.

#### § 9239.0-3 Authority.

(a) Sections 9239.0-3 to 9239.7 are issued under the authority of R.S. 2478; 43 U.S.C. 1201.

(b) In addition to liability for trespass on the public lands, as indicated in this part, persons responsible for such trespass may be prosecuted criminally under any applicable Federal law. Penalties are prescribed by the following statutes:

- (1) Timber trespass. 18 U.S.C. 1852, 1853.
- (2) Turpentine trespass. 18 U.S.C. 1854.
- (3) Coal trespass. 18 U.S.C. 1851.

#### § 9239.0-7 Penalty for unauthorized removal of material.

The extraction, severance, injury, or removal of timber or mineral materials from public lands under the jurisdiction of the Department of the Interior, except when authorized by law and the regulations of the Department, is an act of trespass. Trespassers will be liable in damages to the United States, and will be subject to prosecution for such unlawful acts.

#### § 9239.0-8 Measure of damage.

The rule of damages to be applied in cases of timber, coal, oil, and other

trespass of the United States (396), will be prescribed by the trespass laws authorized.

#### § 9239.0-9

(a) For trespassing associations for the property.

(b) To sell to or to issue a license if a person has been served on the matter for United States reasonable, the authority will not be made by.

(1) Payment of amount of fine, court, or settlement.

(2) Enforcement, seizure, or sale.

(3) Bond of United States due by court of.

(4) United Statesruptcy.

(c) No paragraph authorized timber lease, despite the payment for lishes in.

(1) To or no of the high.

(2) To the to

the public land and other property of the United States and shall make a demand for payment upon the alleged violator setting forth the foregoing values including the value of the forage consumed. Such forage value shall be computed at the commercial rates, if susceptible to proof by reasonably available and reliable data; otherwise, a minimum charge of \$2 per animal unit month for trespass not clearly willful will be made. Where the trespasses are repeated and/or willful, a minimum charge of \$4 per animal unit month for forage consumed will be charged. All offers for settlement for value of forage consumed and for damage to the public land or to other property of the United States resulting from an alleged violation of any provision of the act or regulations found within § 4131.0-3 et seq. of this chapter in the amount of \$2,000 or less may be accepted by the authorized officer. Offers for settlement in excess of \$2,000 will be transmitted to the State Director for appropriate action. An offer of settlement will not constitute satisfaction of civil liability for consumed forage and damage involved until finally accepted by the authorized officer or the State Director, and in no event will it relieve the violator of criminal liability. No lease or permit will be issued or renewed until payment of any amount found to be due the United States under this section has been offered.

§ 9239.5 Minerals.

§ 9239.5-1 Ores.

(a) For ores trespass in a State where there is no State law governing such trespass, the measure of damages will be as follows:

(1) Measure of damages is the same as in the case of coal. *Benson Mining and Smelting Co. v. Alta Mining and Smelting Co.* (145 U.S. 428, 38 L. ed. 762; *Durant Mining Co. v. Percy Consolidated Mining Co.* (93 Fed. 166).

§ 9239.5-2 Oil.

For oil trespass in a State where there is no State law governing such trespass, the measure of damages will be as follows:

(a) *Innocent trespass.* Value of oil taken, less amount of expense incurred in taking the same.

(b) *Willful trespass.* Value of the oil taken without credit or deduction for the expense incurred by the wrongdoers in getting it. *Mason v. United States* (273 Fed. 135).

§ 9239.5-3 Coal.

(a) *Determination of payment in coal trespass.* For coal trespass in a State where there is no State law governing such trespass, the measure of damages will be as follows:

(1) For innocent trespass, payment must be made for the value of the coal in place before severance. *United States v. Homestake Mining Company* (117 Fed. 481).

(2) For willful trespass, payment must be made for the full value of the coal at the time of conversion without deduction for labor bestowed or expense incurred in removing and marketing the coal. *Liberty Bell Gold Mining Company v. Smuggler-Union Mining Company* (203 Fed. 795). The mining of coal in trespass is presumed to be willful, in the absence of persuasive evidence of the innocence and good faith of the trespasser. *United States v. Ute Coal and Coke Company* (158 Fed. 20).

(b) *Coal mined by permittee, lessee, or licensee.* All coal mined either under a pending application for permit, lease, or license, or without such pending application, is a trespass and the coal so mined must be settled for on a trespass basis. However, where a permittee applies, prior to the expiration of his permit, for a lease, the mining of coal by him from the date of the filing of the lease application to the date of the issuance of the lease, or, if the lease application is rejected, to the date of notice to him of the final rejection of his application does not constitute a trespass.

(c) *Coal mined by successful bidder at public sale.* The successful bidder at public sale for a coal leasing unit does not acquire any right to mine coal until he has complied with all the formalities required by the regulations, including the furnishing of a bond, and a lease has been issued to him. Coal mined by such applicant prior to the date of the issuance of a lease is in trespass and must be paid for on a trespass basis.

(d) *Coal permit, lease, or license not to issue until trespass account settled.*

No coal per  
issued to a  
coal in tre  
count is set

(e) *Right*  
coal for de  
land patent  
coal deposi  
March 3, 1  
81), or unc  
(36 Stat. 5  
right to mi  
for domest  
to the disp  
the coal de

§ 9239.6

§ 9239.6-1

For turp  
where ther  
such tresp  
will be as f

(a) *Inno*  
gum and  
United St

(b) *Will*  
product m  
turpentine  
into whos  
passed, wit  
on the tu  
Union Nav  
(240 U.S.

*Trans Delta  
File*

Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

October 3, 1973

MEMORANDUM

TO: Manager, USGS, Conservation Division, Denver, Colorado

THROUGH: Area Oil & Gas Supervisor, Casper, Wyoming

FROM: District Engineer, Salt Lake City, Utah

SUBJECT: EIA Determination, Application for Permit to Drill, Trans  
Delta Oil and Gas Co., Inc. Well Gov't No. 1, T36S, R9E,  
Garfield County, Utah, Lease U-9406

Enclosed are two (2) copies of the subject.

This office recommends a determination of does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c). We would appreciate your advising this office of your determination by return of a signed signatory page.

Enclosures

*Gerald R. Daniels*  
Gerald R. Daniels

cc: USGS, Conservation Div.,  
Washington, D.C.



# United States Department of the Interior

## GEOLOGICAL SURVEY

Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

October 5, 1973

*File from Delta*

Mr. H. F. Gumz  
Trans Delta Oil & Gas Company  
1330 Leyden Street  
Suite 131  
Denver, Colorado 80220

Re: Application for Permit to Drill  
Well No. 1, Circle Cliffs Gov't  
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Sec. 19, T36S, R9E  
Garfield County, Utah  
Lease U-9406

Dear Mr. Gumz:

Enclosed is our approved copy of your Application for Permit to Drill the referenced well.

Also attached to this letter, are Bureau of Land Management, Kanab, Utah, Specifications and Stipulations for the access road on Bureau of Land Management Lands.

We suggest that you contact the Bureau of Land Management, Kanab, Utah; the National Park Service, Glen Canyon National Recreation Area, Page, Arizona; and Capitol Reef National Park, Torrey, Utah, prior to commencing road construction.

You are, of course, quite aware of the sensitivity of this project. We urge that you insure adequate communications and supervision to the operating personnel for this operation.

If there are any questions, please feel free to call this office.

Sincerely yours,

Gerald R. Daniels  
District Engineer

Enclosures

*Consent of Arroyo*





# United States Department of the Interior

NATIONAL PARK SERVICE

Glen Canyon National Recreation Area

Box 1507

Page, Arizona 86040

October 30, 1973

IN REPLY REFER TO:

L30

Mr. H. F. Gumz  
Trans Delta Oil & Gas Company, Inc.  
1330 Leyden Street, Suite 131  
Denver, Colorado 80220

Dear Mr. Gumz:

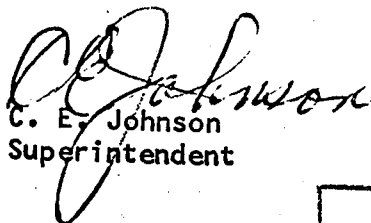
This is in reply to your letter of September 6, 1973, wherein you request from us a "special use form" covering portions of the access road to the drill site on the SW<sup>4</sup> NW<sup>4</sup>, Sec. 19, T 36 S, R 9 E, in Garfield County, Utah -- Lease U-9406.

Please be aware that we cannot issue the necessary Special Use Permit to authorize construction on lands within the Recreation Area until such time as our Regional Director informs us that the Environmental Impact Analysis, as required by the National Environmental Protection Act, has been satisfactorily completed.

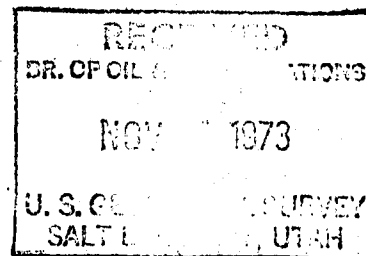
I regret we cannot be more definite regarding a date, but please be assured we will contact you as soon as we are advised to proceed.

If you have any questions regarding the above, please call.

Sincerely yours,

  
C. E. Johnson  
Superintendent

cc:  
Regional Director, Midwest  
Utah State Director  
Supt., Capitol Reef NP  
BLH, Kanab  
USGS, Salt Lake City



THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-9406

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Govt. #1

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 19, T36S, R9E

12. COUNTY OR PARISH

13. STATE

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

TRANS DELTA OIL &amp; GAS CO., INC.

3. ADDRESS OF OPERATOR

Suite 501 - 650 Seventeenth St., Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2515' South of North Line  
158' East of West Line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other) See below

☒

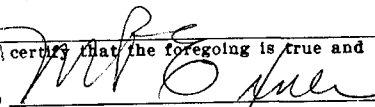
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DRILLING OPERATIONS WAITING ON SPECIAL LAND USE PERMITS

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

Treasurer

DATE

10-31-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEC 6 1973

MB

November 30, 1973

C  
O  
P  
Y

Mr. Willard Pease  
Willard Pease Drilling Co.  
P. O. Box 548  
Grand Junction, Colorado 81501

Dear Mr. Pease:

Mr. Gumz has asked me to advise you that one of the requirements of the Division of Oil & Gas Conservation for the State of Utah is written notification as to the type of blowout prevention equipment to be installed, as well as subsequent testing procedures to be followed.

Would you please provide that written notification regarding well No. Gov't. #1, Sec. 19, T. 36 S, R 9 E, Garfield County, Utah, to Mr. Cleon B. Feight, Department of Natural Resources, Division of Oil & Gas Conservation, 1588 West North Temple, Salt Lake City, Utah 84116, as soon as possible and send us a copy for our records. Thank you very much for taking care of this request.

Sincerely,

(Mrs.) Claudia C. Thames  
Secretary to the President

cc: Mr. Cleon B. Feight

4-  
**TRANS DELTA**  
OIL & GAS CO., INC.

SUITE 501 - SECURITY BLDG.  
650 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
TELEPHONE (303) 534-0298

PZ  
pmb  
November 30, 1973

Mr. Cleon B. Feight, Director  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Feight:

Mr. Henry F. Gumz has asked me to advise you that  
Everett J. Williams (Williams Construction Co.)  
started this afternoon moving in men and equipment  
to repair and rebuild roads necessary to move a  
drilling rig into the well site for Well No.  
Gov't. #1, Sec. 19, T. 36 S, R. 9 E, Garfield  
County, Utah.

The required written notifications outlined in  
your letter of July 6, 1973 will be forthcoming  
in the next week.

Sincerely,

*Claudia C. Thames*

(Mrs.) Claudia C. Thames  
Secretary to the President

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-9406</b>
2. NAME OF OPERATOR <b>TRANS DELTA OIL &amp; GAS CO., INC.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>Suite 501-Security Bldg, 650-17th St., Denver, Colo.</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>2515' South of North Line 158' East of West Line</b>		8. FARM OR LEASE NAME <b>Govt. #1</b>
14. PERMIT NO.		9. WELL NO. <b>1</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR 6155'</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec 19, T36S, R9E</b>
		12. COUNTY OR PARISH <b>Garfield</b>
		13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>See below</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

permit commencement of

Completion of road construction to /drilling activities prohibited by preliminary injunction, Civil No. C-367-73, Plaintiffs: June Viavant, Ruth Frear, and Sierra Club, ordered by United States District Judge Willis W. Ritter, Salt Lake City, on December 11, 1973.

18. I hereby certify that the foregoing is true and correct

SIGNED

*M. J. Exner*

TITLE

Treasurer

DATE 12/17/73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PI  
JED

FROM THE DESK OF:

CLAUDIA THAMES

, ASST. SECRETARY

TRANS DELTA OIL & GAS CO., INC.

5

12-17-73

Since things have come to a screeching  
halt--for the moment--on our proposed  
Govt. #1, we thought it prudent that  
we submit this report now to keep you  
up to date on the activities.

OX

# Ritter Order Suspends Work

*Salt Lake Tribune - Dec 17, 1973*

A preliminary injunction halting construction on a 12.5 mile road through Glen Canyon National Recreation Area was granted the Sierra Club Tuesday by Chief Judge Willis W. Ritter, U.S. District Court for Utah.

The order was granted to the club, its national secretary, June Viavant, Salt Lake City; and Ruth Frear, chairman of the Unita Chapter, Salt Lake City. The club and the two women are plaintiffs in the case.

The action names Rogers

C.B. Morton, secretary of the Interior; Trans Delta Oil, Denver, and officials of the National Park Service, Bureau of Land Management (BLM) and U.S. Geological Survey as defendants.

The suit contends that the defendants have failed to prepare an environmental impact statement required by the National Environmental Policy Act and that construction of the road is not consistent with congressional orders that the Glen Canyon area be considered as a wilderness area.

However, the defendants

contend they have prepared an environmental survey and that road already exists there. The only new construction will be one-half-mile to the site of a wildcat oil well Trans Delta planned to drill 35 miles southeast of Escalante, Garfield County, they contend.

Judge Ritter told Sierra Club attorneys he will sign the preliminary injunction, which halts work on the road for the life of the lawsuit, and told them to prepare it. A temporary order issued Dec. 4 halted the work.

# TRANS DELTA

OIL & GAS CO., INC.

SUITE 501 - SECURITY BLDG.  
650 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
TELEPHONE (303) 534-0298

Location T<sub>es</sub>  
Abandoned  
JH  
RM  
June 19, 1975

Utah Division of  
Oil & Gas Conservation  
1588 West, North Temple  
Salt Lake City, Utah 84116

Attention: Clem B. Feight

Gentlemen:

We hereby request that you cancel the Trans Delta Oil & Gas Co., Inc.  
drilling permit and bond regarding the following location:

Sec. 19, T36S, R9E, SW-NW  
Garfield County, Utah

Thank you.

Yours very truly,

*M. P. Exner*

M. P. Exner  
Treasurer

MPE/ba

X